

**[0033]** FIG. 7 illustrates the "Determine HAART Candidate" sub-algorithm of the HIV/AIDS embodiment of the disease management system of the present invention. FIGs. 7.1 and 7.2 are two pages of the same figure.

**[0034]** FIG. 8 illustrates the "HAART Candidate Readiness" sub-algorithm of the HIV/AIDS embodiment of the disease management system of the present invention.

**[0035]** FIG. 9 illustrates the "Status Active TB" sub-algorithm of the HIV/AIDS embodiment of the disease management system of the present invention. FIGs. 9.1 and 9.2 are two pages of the same figure.

**[0036]** FIG. 10 illustrates the "Status Latent TB" sub-algorithm of the HIV/AIDS embodiment of the disease management system of the present invention.

**[0037]** FIG. 11 illustrates the "TB Prophylaxis" sub-algorithm of the HIV/AIDS embodiment of the disease management system of the present invention.

**[0038]** FIG. 12 illustrates the "Isoniazid" sub-algorithm of the HIV/AIDS embodiment of the disease management system of the present invention.

**[0039]** FIG. 13 illustrates the "Efivarenc" sub-algorithm of the HIV/AIDS embodiment of the disease management system of the present invention.

**[0040]** FIG. 14 illustrates the "Contraindications Efivarenc" sub-algorithm of the HIV/AIDS embodiment of the disease management system of the present invention.

**[0041]** FIG. 15 illustrates the "Nevirapine" sub-algorithm of the HIV/AIDS embodiment of the disease management system of the present invention.

**[0042]** FIG. 16 illustrates the "Contraindications Nevirapine" sub-algorithm of the HIV/AIDS embodiment of the disease management system of the present invention.

**[0043]** FIG. 17 illustrates the "Stavudine" sub-algorithm of the HIV/AIDS embodiment of the disease management system of the present invention.

**[0044]** FIG. 18 illustrates the "Contraindications Stavudine" sub-algorithm of the HIV/AIDS embodiment of the disease management system of the present invention.

**[0045]** FIG. 19 illustrates the "Lamivudine" sub-algorithm of the HIV/AIDS embodiment of the disease management system of the present invention. FIGs. 19.1 and 19.2 are two pages of the same figure.

**[0046]** FIG. 20 illustrates the "Zidovudine" sub-algorithm of the HIV/AIDS embodiment of the disease management system of the present invention.

**[0060]** FIG. 34 illustrates the "Status Regimen 2 Effectiveness" sub-algorithm of the HIV/AIDS embodiment of the disease management system of the present invention.

**[0061]** FIG. 35 illustrates the "Status Adherence" sub-algorithm of the HIV/AIDS embodiment of the disease management system of the present invention.

**[0062]** FIG. 36 illustrates the "Status Regimen Effectiveness" sub-algorithm of the HIV/AIDS embodiment of the disease management system of the present invention. FIGs. 13.1 and 36.2 are two pages of the same figure.

**[0063]** FIG. 37 illustrates the "Master Patient" computer screen shot of the HIV/AIDS embodiment of the Disease Management System of the present invention.

**[0064]** FIG. 38 illustrates the "Clinical Data Form," part 1, computer screen shot of the HIV/AIDS embodiment of the disease management system of the present invention.

**[0065]** FIG. 39 illustrates the "Clinical Data Form," part 2, computer screen shot of the HIV/AIDS embodiment of the disease management system of the present invention.

**[0066]** FIG. 40 illustrates the "Clinical Data Form," part 3, computer screen shot of the HIV/AIDS embodiment of the disease management system of the present invention.

**[0067]** FIG. 41 illustrates the "Clinical Data Form," part 4, computer screen shot of the HIV/AIDS embodiment of the disease management system of the present invention.

**[0068]** FIG. 42 illustrates the "HAART Prep Form" computer screen shot of the HIV/AIDS embodiment of the disease management system of the present invention.

**[0069]** FIG. 43 illustrates the "Labs Form," part 1, computer screen shot of the HIV/AIDS embodiment of the disease management system of the present invention.

**[0070]** FIG. 44 illustrates the "Labs Form," part 2, computer screen shot of the HIV/AIDS embodiment of the disease management system of the present invention.

**[0071]** FIG. 45 illustrates the "Patient Flow Analysis" computer screen shot of the HIV/AIDS embodiment of the disease management system of the present invention.

FIG. 1

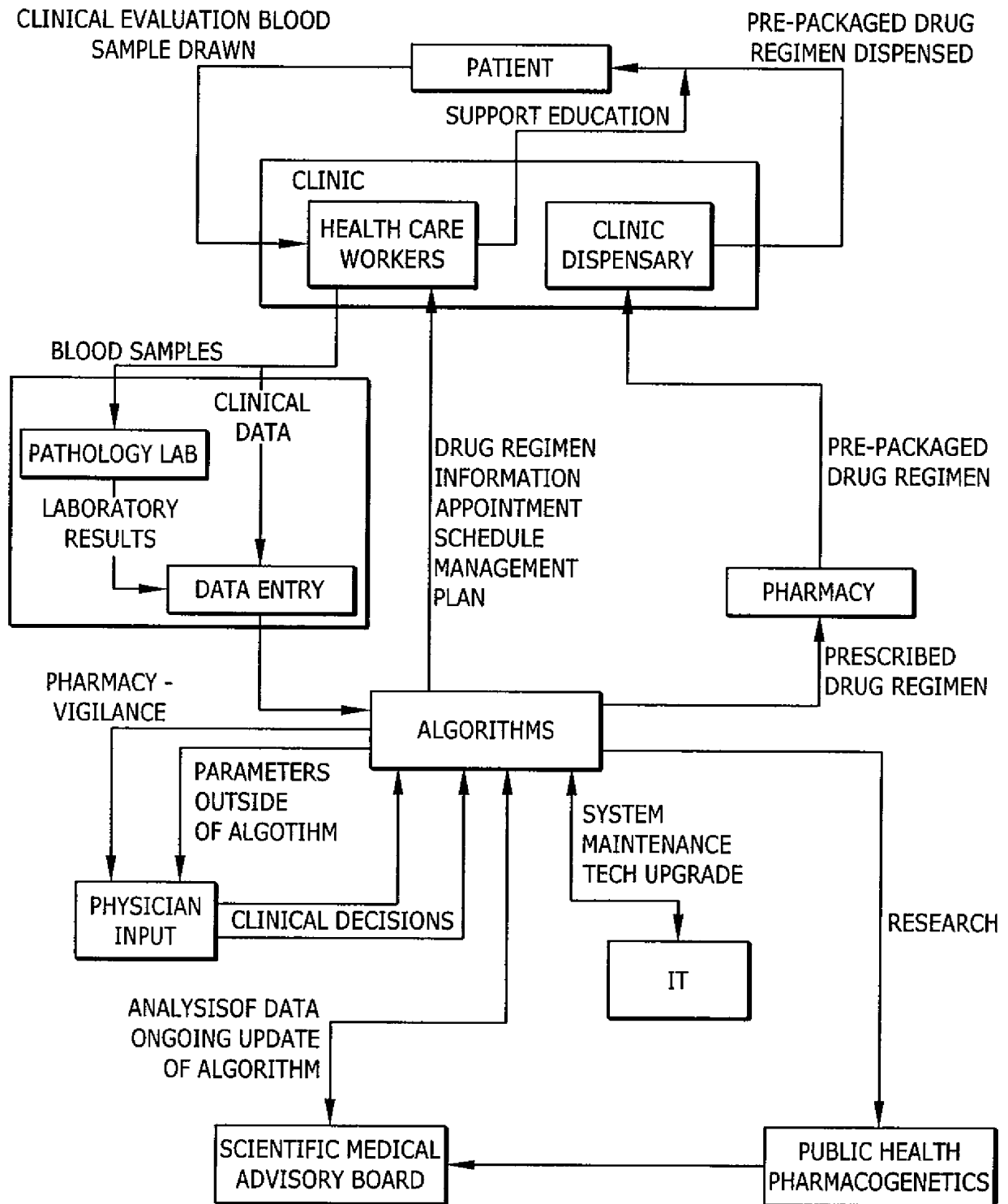


FIG. 2.1

		Form Number			
Date Prepared		Y Y Y Y		M M D D	
<b>ASSESSMENT ART FORM</b>					
Date of birth		Y Y Y Y		M M D D	
Height				cm	
Weight				kg on Y Y Y Y M M D D	
Now on antiretroviral medicine for HIV/AIDS?		No Yes		USE FOLLOW-UP FORM	
Documented positive HIV tests		0 1 2			
Location:		Date		Y Y Y Y M M D D	
Location:		Date		Y Y Y Y M M D D	
Previous ART exposure		PEP PMTCT ART interrupted		Yes No Unknown Yes No Unknown Yes No Unknown	
Treatment Readiness					
Do you want to be on medicine for AIDS?		Yes No			
Drug literacy training complete		Yes No			
Adherence training complete		Yes No			
Social worker consultation complete		Yes No			
Home visit complete		Yes No			
Gender		Male Female			
For Female:					
Are you pregnant?		Yes No Maybe			
Are you able to have children?		Yes No Unknown			
Do you want to have children at this time?		Yes No			
Are you using reliable contraception?		Yes No Unknown			
WHO Stage				Defining Condition	
Who Clinical Stage 1		1			
Who Clinical Stage 2		2			
Who Clinical Stage 3		3			
Who Clinical Stage 4		4			
Pneumocystis Pneumonia - current or previous		Yes No Unknown			
Thrush - persistent		Yes No Unknown			
Cotrimoxazole					
Allergic to Cotrimoxazole?		Yes No Unknown			
Was Cotrimoxazole dispensed?		Yes No Unknown			
Cotrimoxazole pill count - is patient compliant?		Yes No Unknown			
Has patient kept 3 appointments in a row?		Yes No Unknown			
Pain and/or tingling in hands and/or feet?		Yes No Unknown			
Pain and tingling do not cause a problem walking		Mild			
Pain and tingling > 3 days - non-narcotic analgesia required		Moderate			
Walks with great difficulty - narcotic analgesia required		Severe			
Unable to walk - narcotic analgesia does not help		Incapacitating			
Psychological problems now or in the past		Yes No Unknown			
Depression - overwhelming sadness, not related to any event		Depression			
Thoughts or attempts of suicide		Suicide			
Previous mental illness requiring treatment		Mental illness			

# FIG. 2.2

## Nevirapine

Have you ever taken Nevirapine?	Yes	No	Unknown
Nevirapine Skin Rash	Yes	No	Unknown
Redness, itching	Mild		
Diffuse rash, dry and peeling	Moderate		
Blisters, moist peeling, sores	Severe		
Severe redness, ulcers, skin sloughing off	Incapacitating		

## Regimen Failure

Has the patient failed Regimen 1a	Yes	No	Unknown
Virologic failure	Yes	No	Unknown
Therapeutic failure (side effects)	Yes	No	Unknown
Has the patient failed Regimen 1b	Yes	No	Unknown
Virologic failure	Yes	No	Unknown
Therapeutic failure (side effects)	Yes	No	Unknown
Nevirapine Resistant - proven	Yes	No	Unknown

## TB

Are you being treated for active TB now?	Yes	No	Unknown
Treatment for active TB in the past 2 years?	Yes	No	Unknown
Is your treatment for active TB complete?	Yes	No	Unknown
Date active TB treatment started	Y	Y	Y
Are you taking isoniazid to prevent TB now?	Yes	No	Unknown
Date Isoniazid treatment started	Y	Y	Y
Cough > 2 weeks	Yes	No	
Fever > 2 weeks	Yes	No	
Night sweats	Yes	No	
Weight loss > 1.5 kg in past 4 weeks	Yes	No	
Sputum tested for TB in the last 3 months?	Yes	No	
Result of TB sputum test	Positive	Negative	

## LABS

	Previous		Previous		Previous		Previous		Previous		Current	
Date												
Weight												kg
CD4												cells/mm <sup>3</sup>
Viral Load												copies/mL
Liver - ALT												U/L
Hemoglobin												g/L
Neutrophils												/mm <sup>3</sup>
Lipase												U/L
Creatinine												umol/L
MCV												fL
Platelets												10 <sup>9</sup> /L
Hepatitis A	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative
Hepatitis B	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative
Hepatitis C	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative
TB Skin Test	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative
TB Sputum	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative

Form Filled in by \_\_\_\_\_

Title \_\_\_\_\_

FIG. 3.1

## FOLLOW-UP ART FORM

		Form Number			
Date Prepared		Y Y Y Y		M M D D	
Date of birth		Y Y Y Y		M M D D	
Height				cm	
Weight				kg on Y Y Y Y M M D D	
Documented positive HIV tests		0 1 2			
Location:		Date		Y Y Y Y M M D D	
Location:		Date		Y Y Y Y M M D D	
Now on antiretroviral medicine for HIV/AIDS?		No Yes		Check drugs in regimen:	
1A:	EFV Stocrin (Efavirenz)	d4T Zerit (Stavudine)	3TC (Lamivudine)	1B:	NVP Viramune (Nevirapine)
2:	ddI Videx (Didanosine)	AZT Retrovir (Zidovudine)	Lopinavir/ Ritonavir Kaletra	Other:	
Adherence		<input type="checkbox"/> <80% <input type="checkbox"/> 80-90% <input type="checkbox"/> 90-95% <input type="checkbox"/> >95%			
Regimen Failure					
Has the patient failed Regimen 1a		Yes No Unknown			
Virologic failure		Yes No Unknown			
Therapeutic failure (side effects)		Yes No Unknown			
Has the patient failed Regimen 1b		Yes No Unknown			
Virologic failure		Yes No Unknown			
Therapeutic failure (side effects)		Yes No Unknown			
Nevirapine Resistant - proven		Yes No Unknown			
Gender		Male Female			
For Female:					
Are you pregnant?		Yes No Maybe			
Are you able to have children?		Yes No Unknown			
Do you want to have children at this time?		Yes No Unknown			
Are you using reliable contraception?		Yes No Unknown			
WHO Stage		Defining Condition			
Who Clinical Stage 1		1			
Who Clinical Stage 2		2			
Who Clinical Stage 3		3			
Who Clinical Stage 4		4			
Pneumocystis Pneumonia - current or previous		Yes No Unknown			
Thrush - persistent		Yes No Unknown			
Cotrimoxazole					
Allergic to Cotrimoxazole?		Yes No Unknown			
Was Cotrimoxazole dispensed?		Yes No Unknown			
Cotrimoxazole pill count - is patient compliant?		Yes No Unknown			
Has patient kept 3 appointments in a row?		Yes No Unknown			
Pain and/or tingling in hands and/or feet?		Yes No Unknown			
Pain and tingling do not cause a problem walking		Mild			
Pain and tingling > 3 days - non-narcotic analgesia required		Moderate			
Walks with great difficulty - narcotic analgesia required		Severe			
Unable to walk - narcotic analgesia does not help		Incapacitating			

FIG. 3.2

Psychological problems now or in the past		Yes	No	Unknown
Depression - overwhelming sadness, not related to any event		Depression		
Thoughts or attempts of suicide		Suicide		
Previous mental illness requiring treatment		Mental illness		

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Nevirapine		Yes	No	Unknown
Have you ever taken Nevirapine?		Yes	No	Unknown
Nevirapine Skin Rash				
Redness, itching		Mild		
Diffuse rash, dry and peeling		Moderate		
Blisters, moist peeling, sores		Severe		
Severe redness, ulcers, skin sloughing off		Incapacitating		

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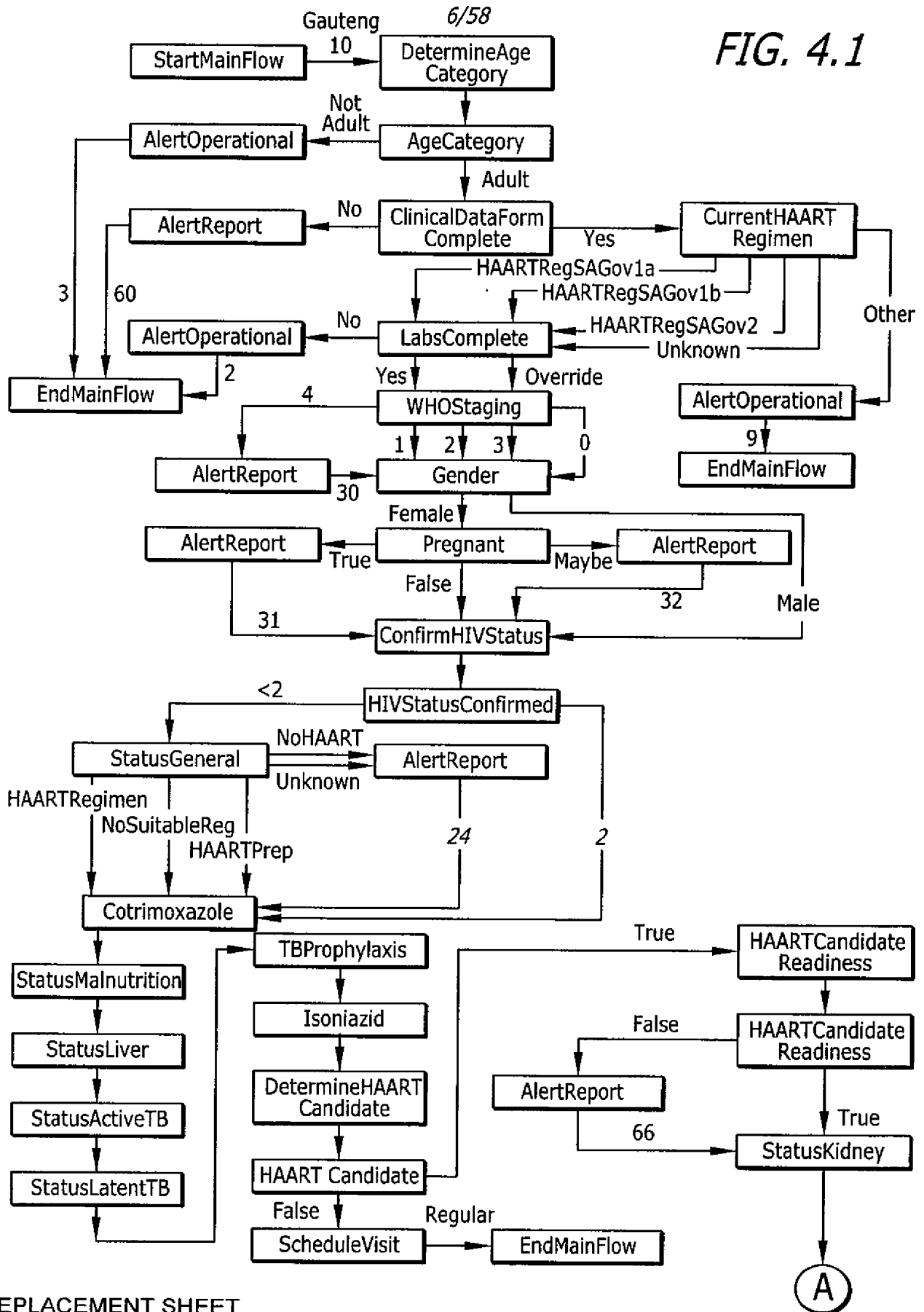
TB		Yes	No	Unknown
Are you being treated for active TB now?		Yes	No	Unknown
Treatment for active TB in the past 2 years?		Yes	No	Unknown
Is your treatment for active TB complete?		Yes	No	Unknown
Date active TB treatment started		Y Y Y Y	M M	D D
Are you taking Isoniazid to prevent TB now?		Yes	No	Unknown
Date Isoniazid treatment started		Y Y Y Y	M M	D D
Cough > 2 weeks		Yes	No	
Fever > 2 weeks		Yes	No	
Night sweats		Yes	No	
Weight loss > 1.5 kg in past 4 weeks		Yes	No	
Sputum tested for TB in the last 3 months?		Yes	No	
Result of TB sputum test		Positive	Negative	

---

LABS													
	Previous		Previous		Previous		Previous		Previous		Current		
Date													
Weight													kg
CD4													cells/mm <sup>3</sup>
Viral Load													copies/mL
Liver - ALT													U/L
Hemoglobin													g/L
Neutrophils													/mm <sup>3</sup>
Lipase													U/L
Creatinine													umol/L
MCV													fL
Platelets													10 <sup>9</sup> /L
Hepatitis A	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
Hepatitis B	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
Hepatitis C	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
TB Skin Test	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
TB Sputum	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	

Form Filled in by \_\_\_\_\_ Title \_\_\_\_\_

FIG. 4.1







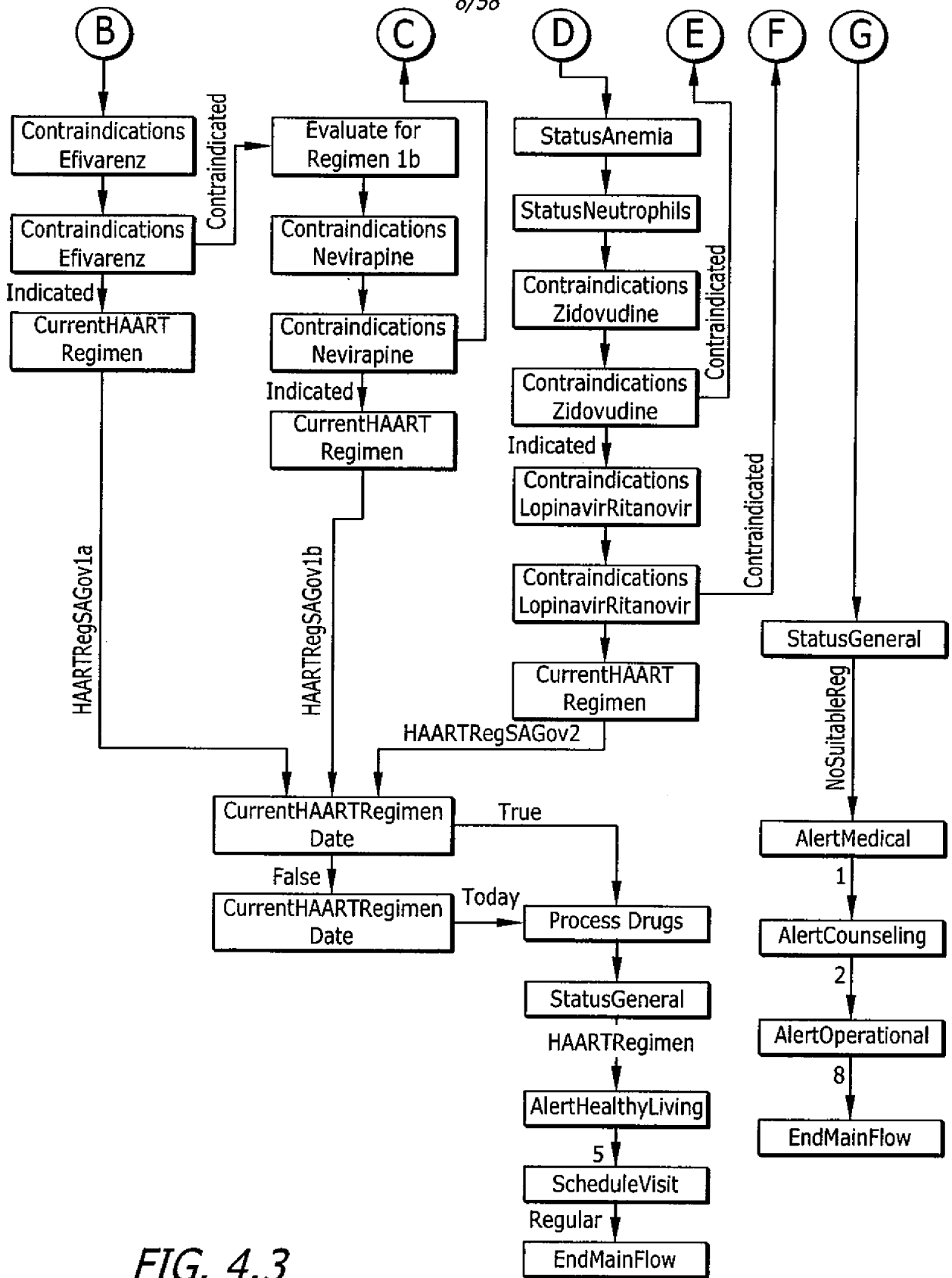
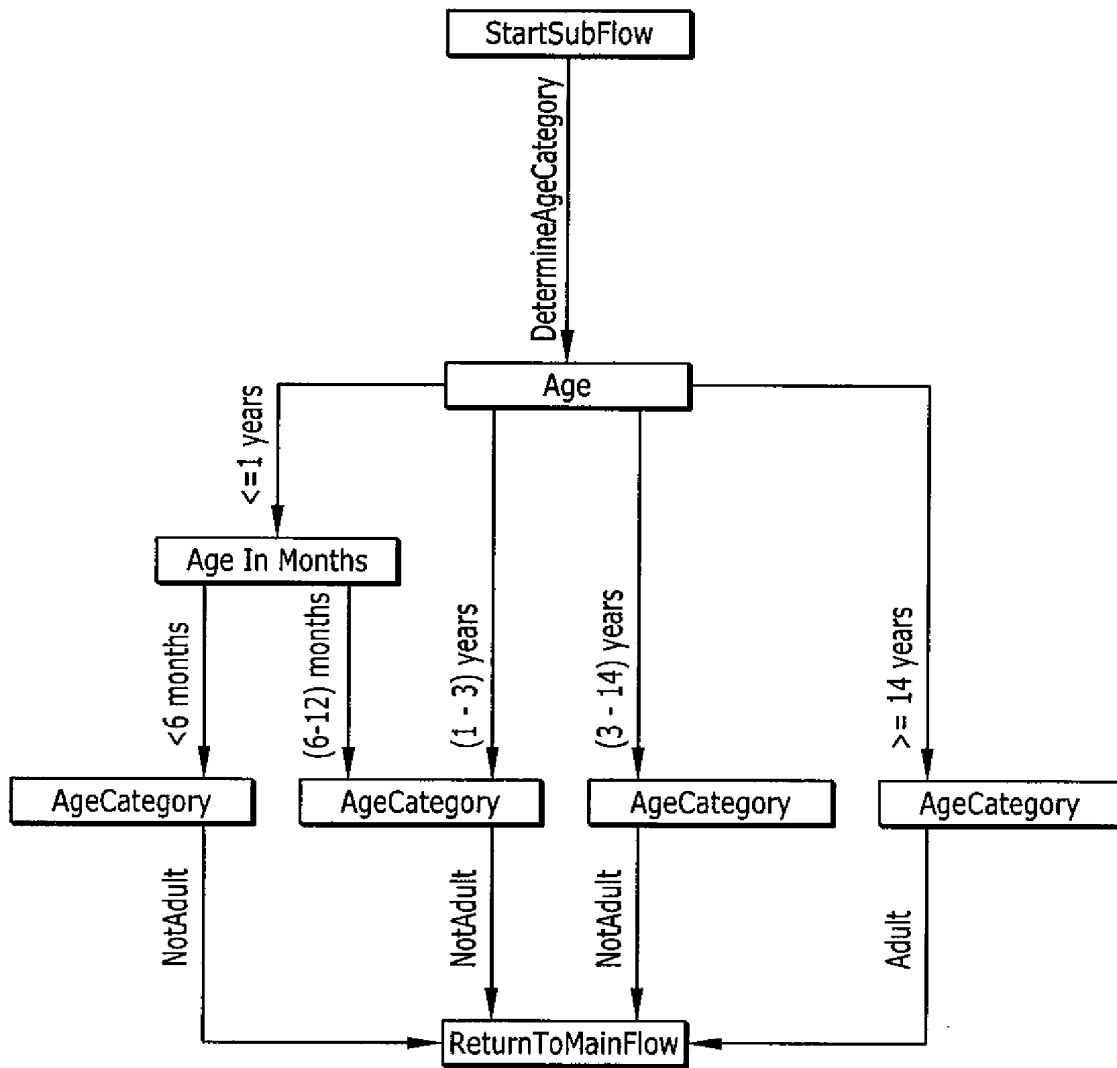
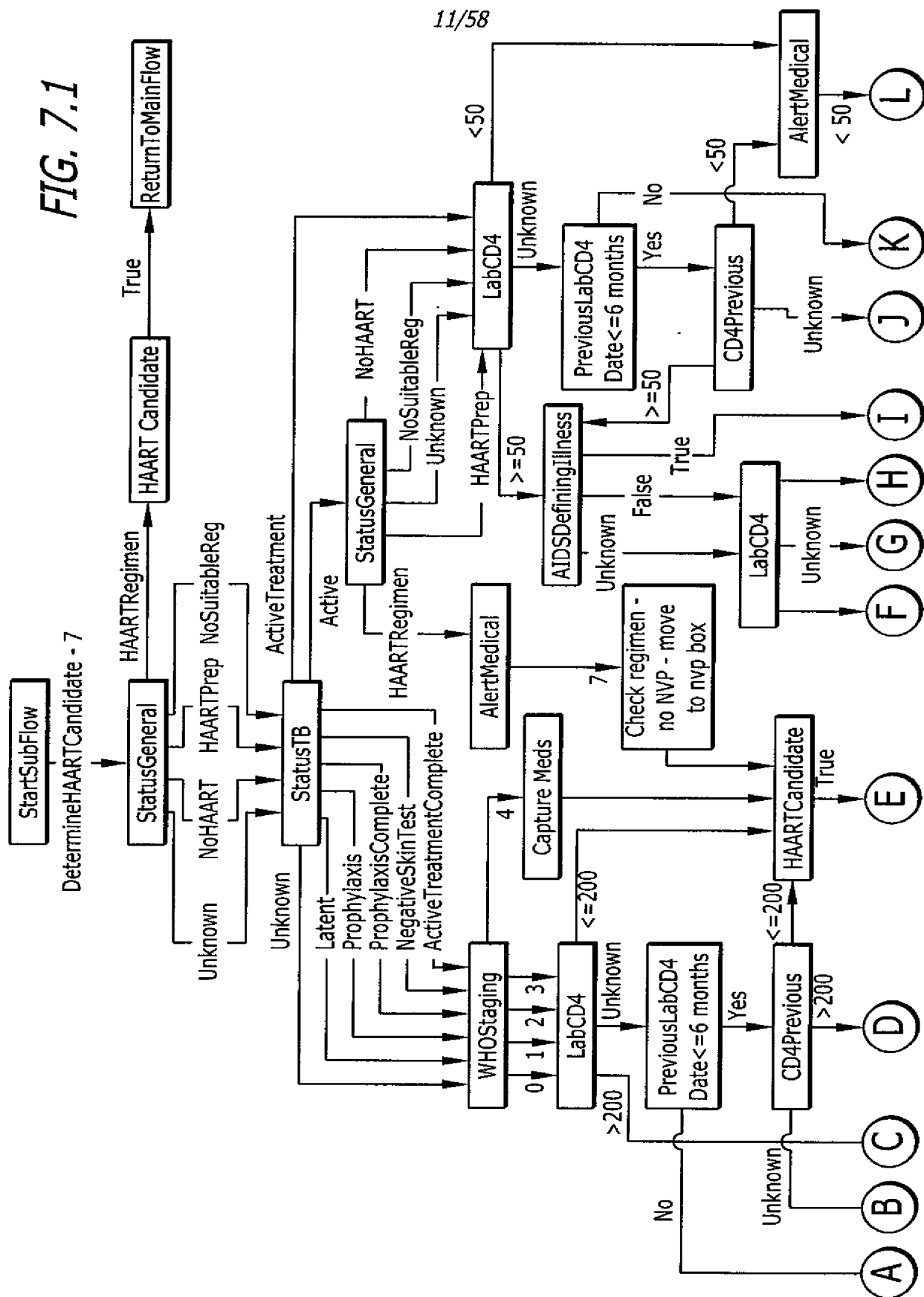


FIG. 4.3

*FIG. 5*



**FIG. 7.1**





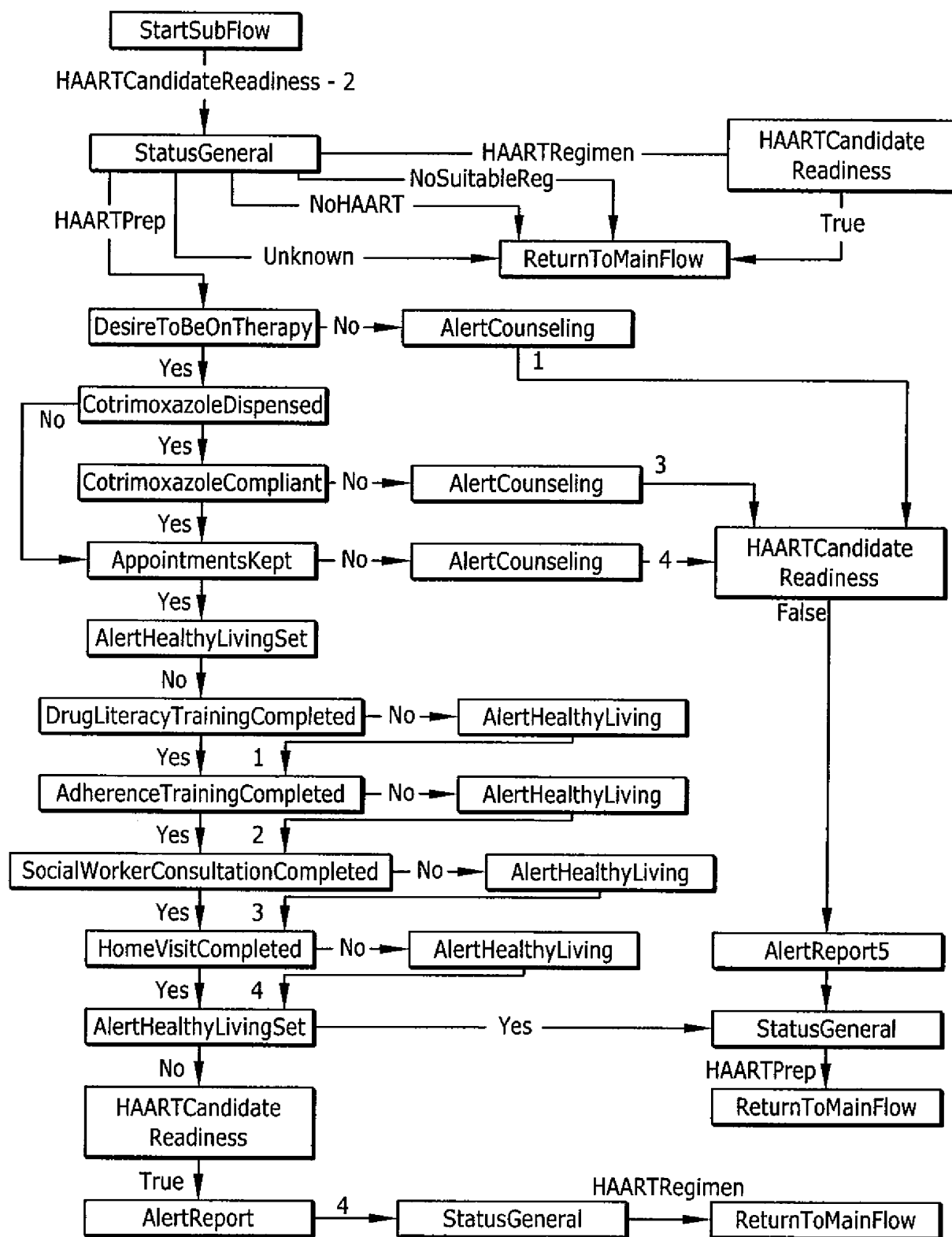


FIG. 8

REPLACEMENT SHEET

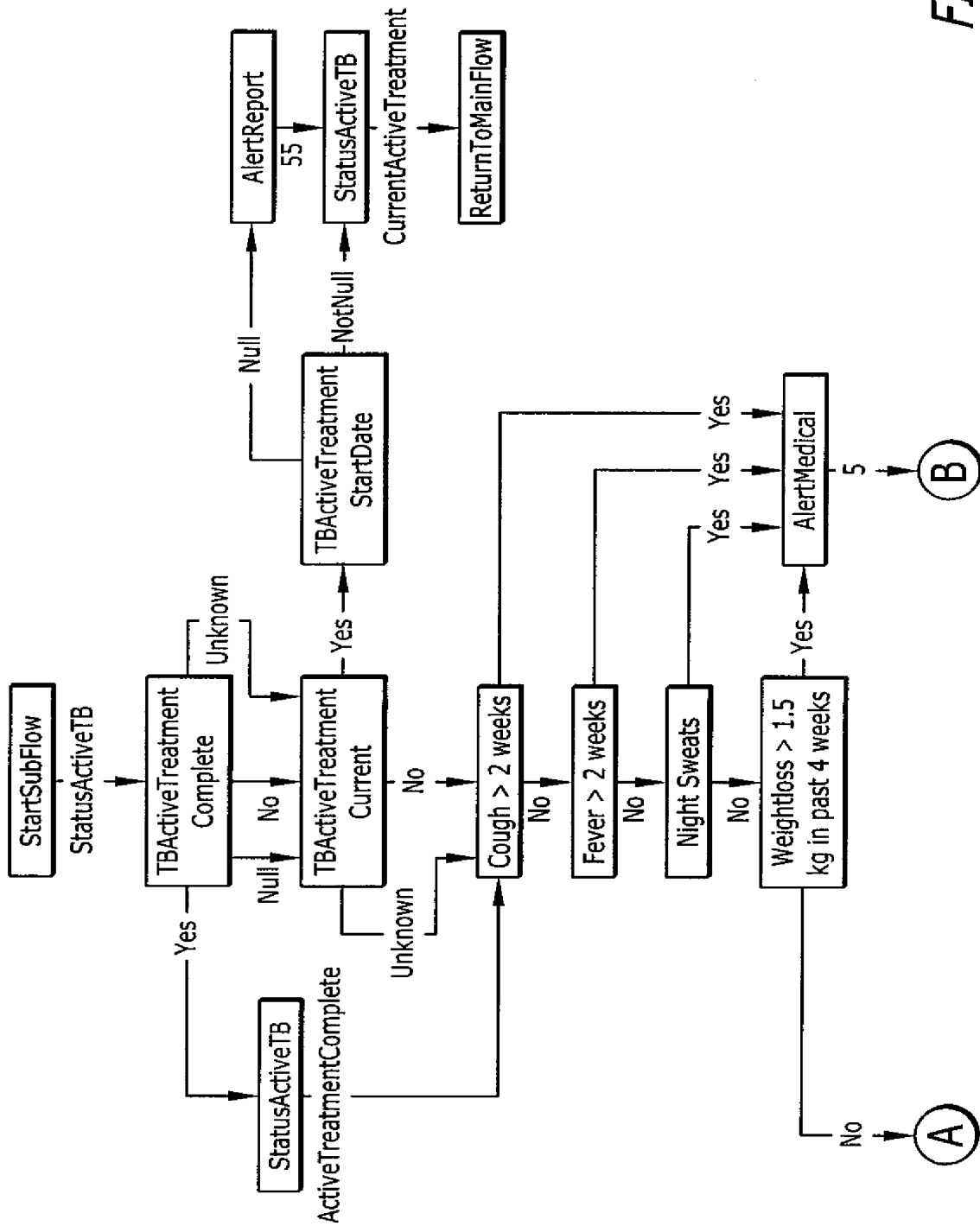


FIG. 9.1



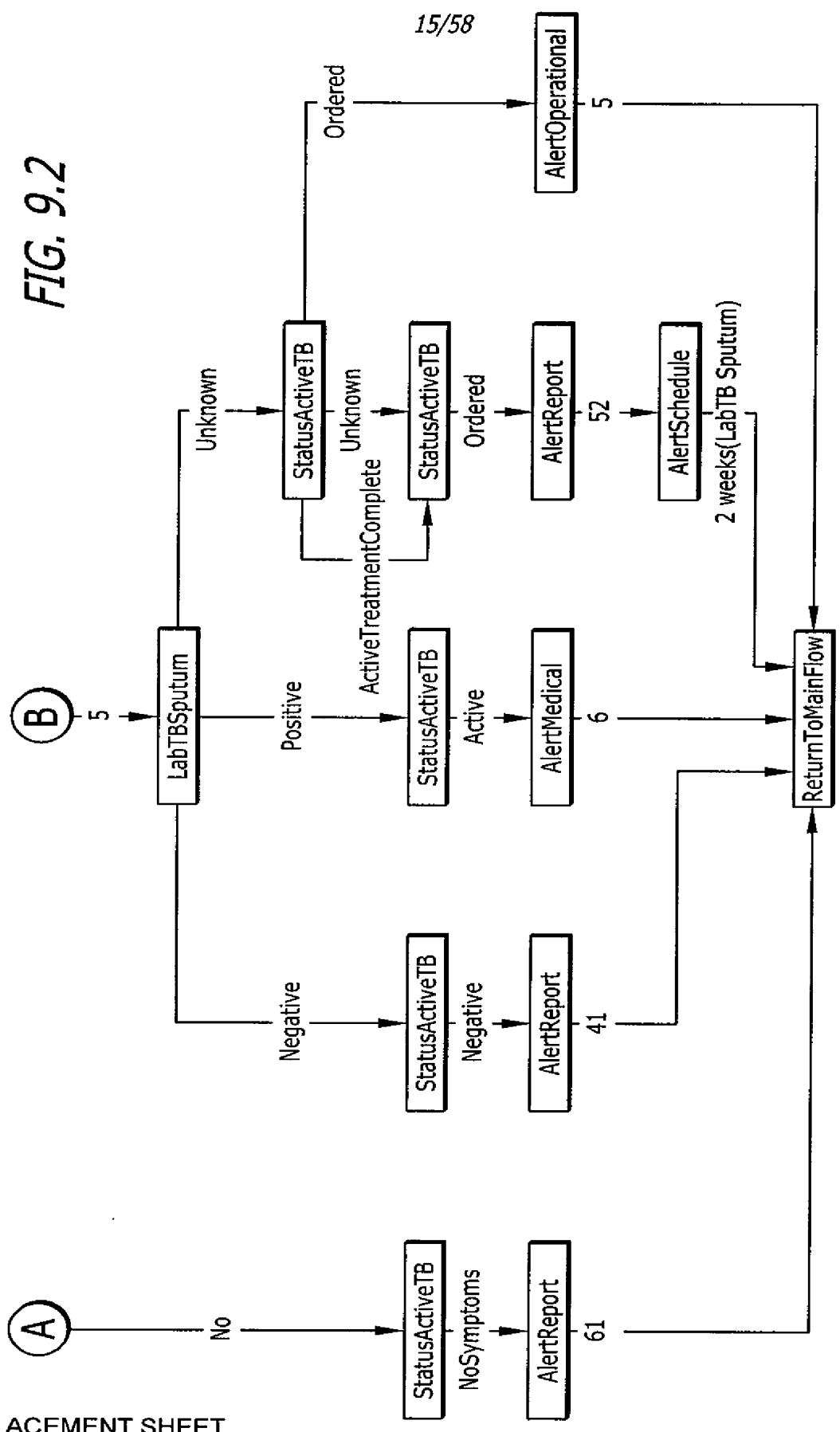
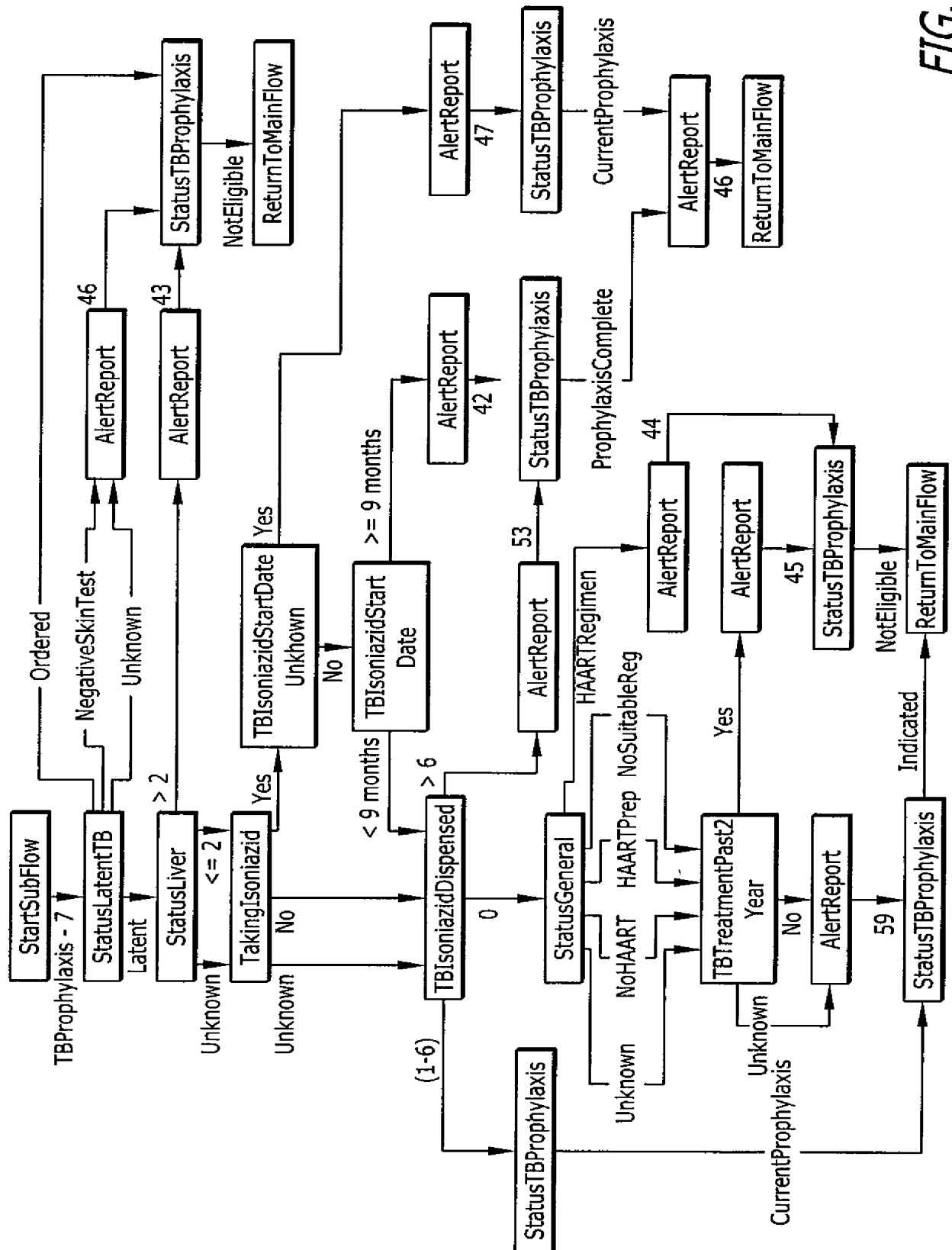


FIG. 9.2





**FIG. 11**

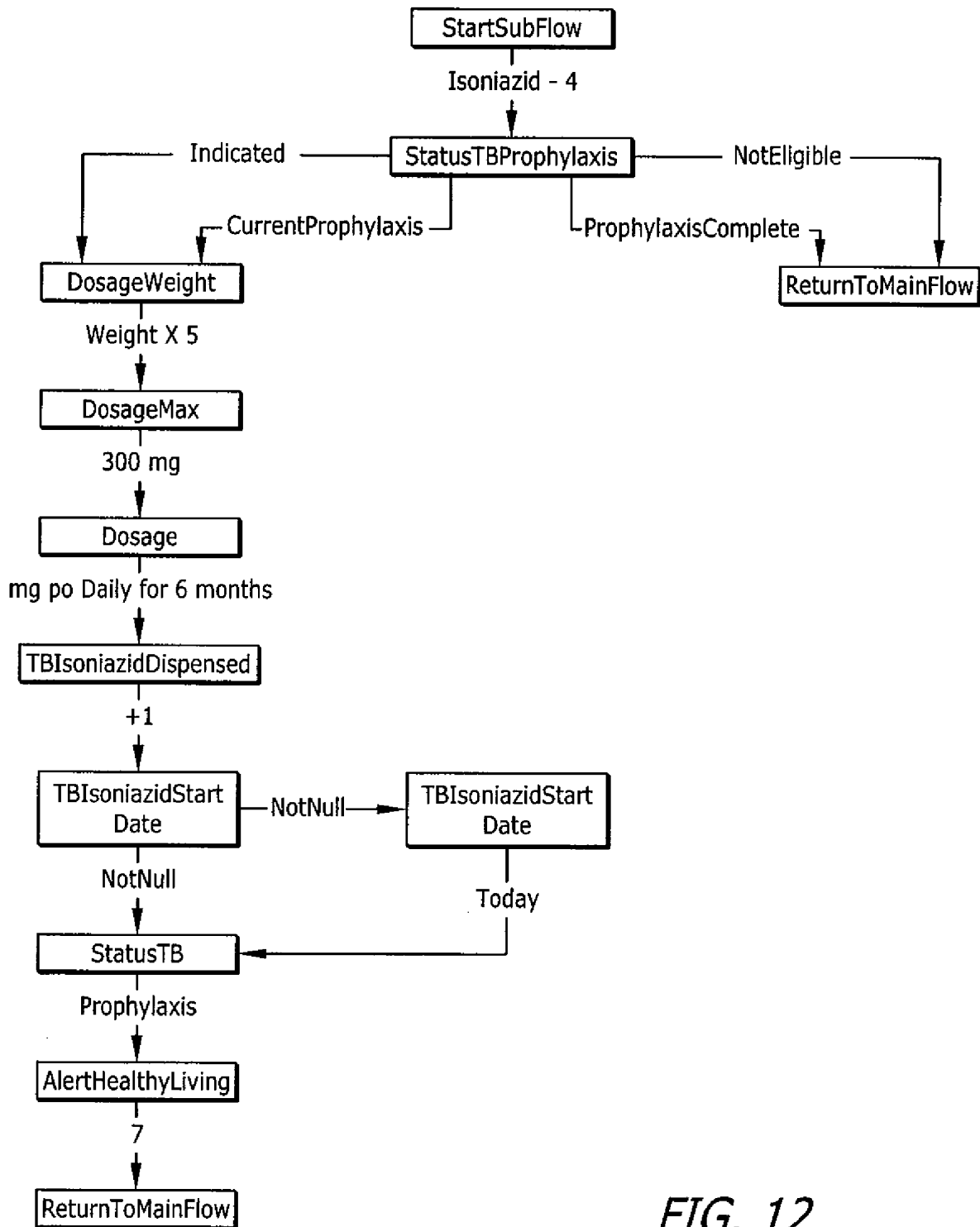


FIG. 12

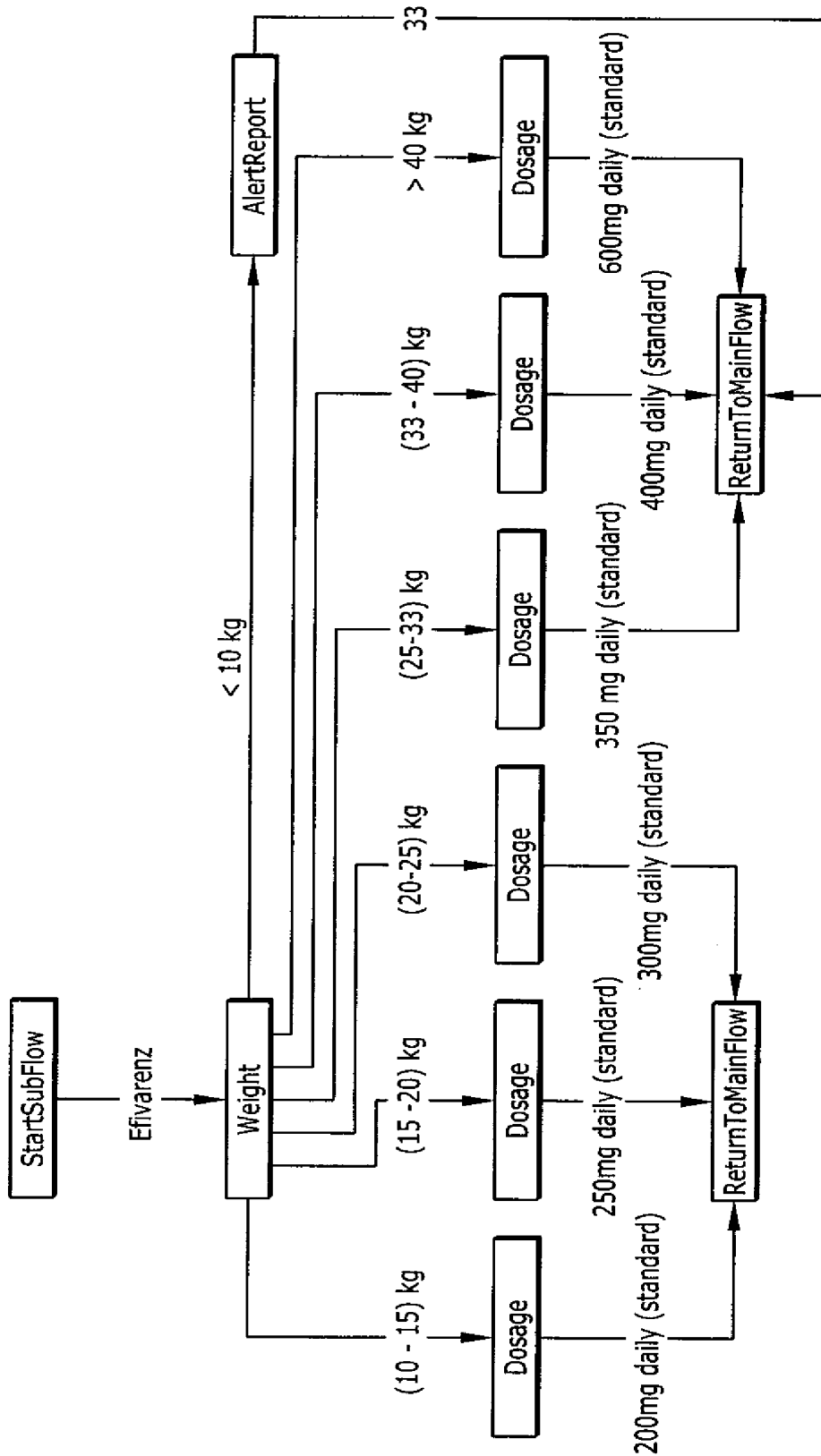


FIG. 13

FIG. 14

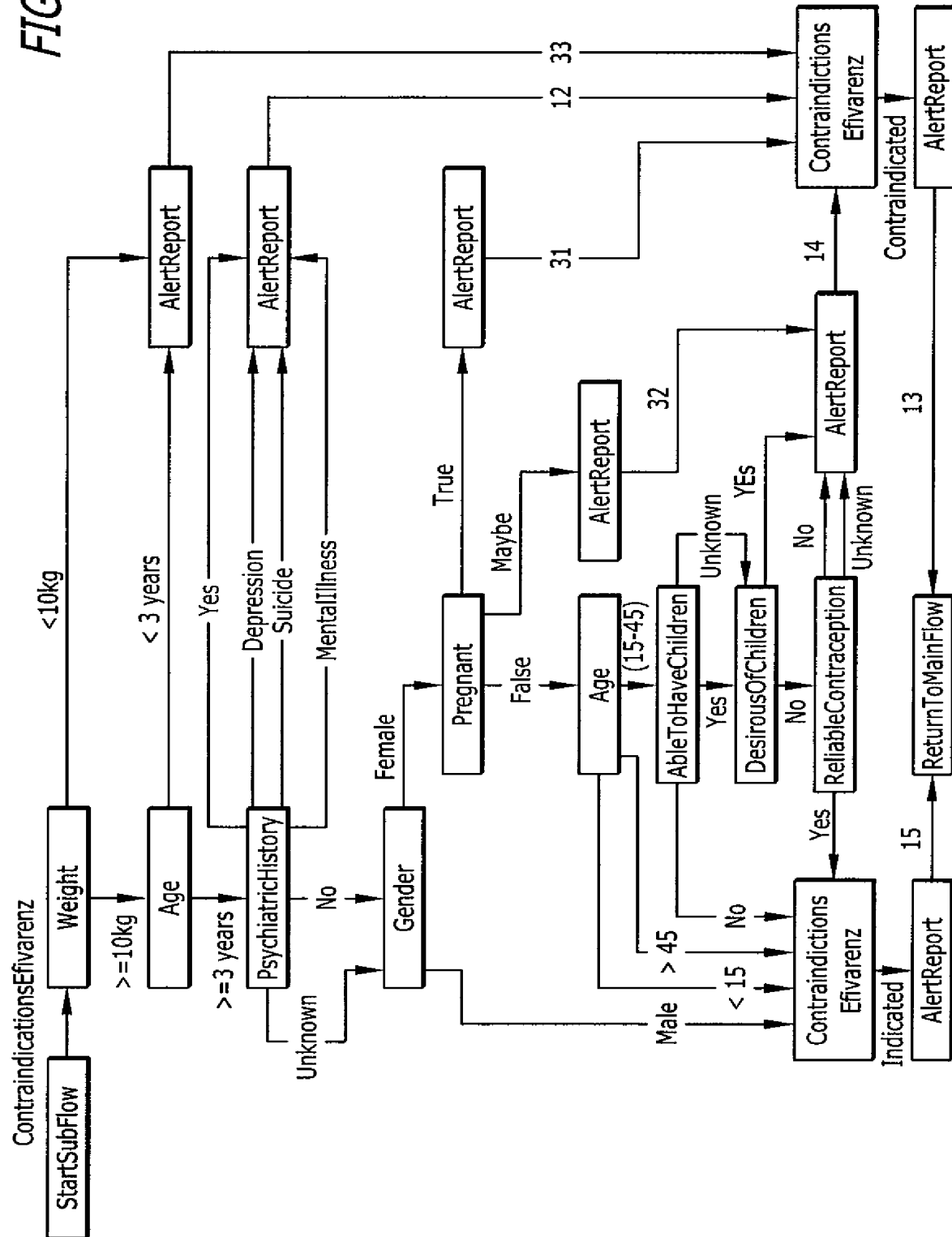
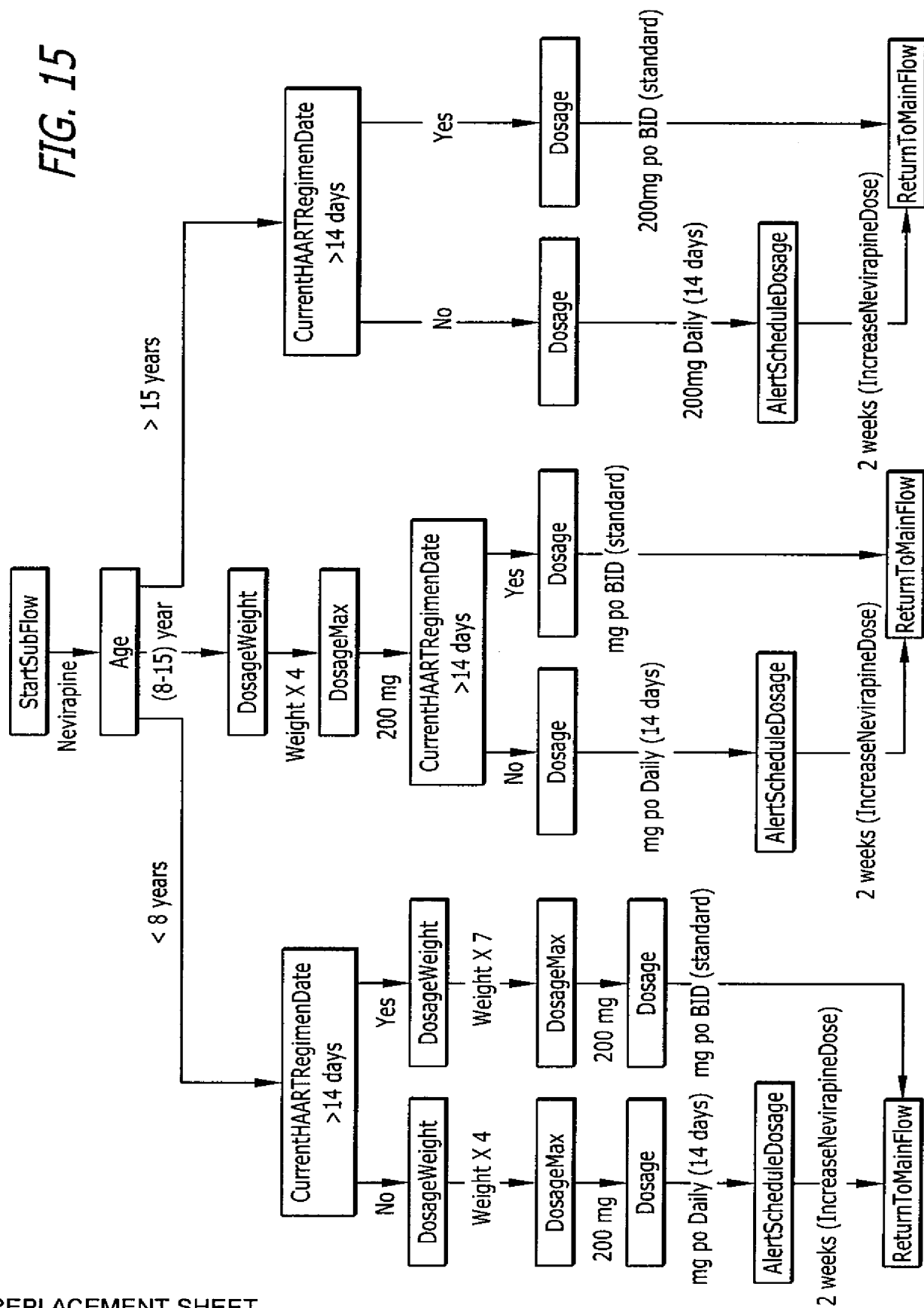


FIG. 15



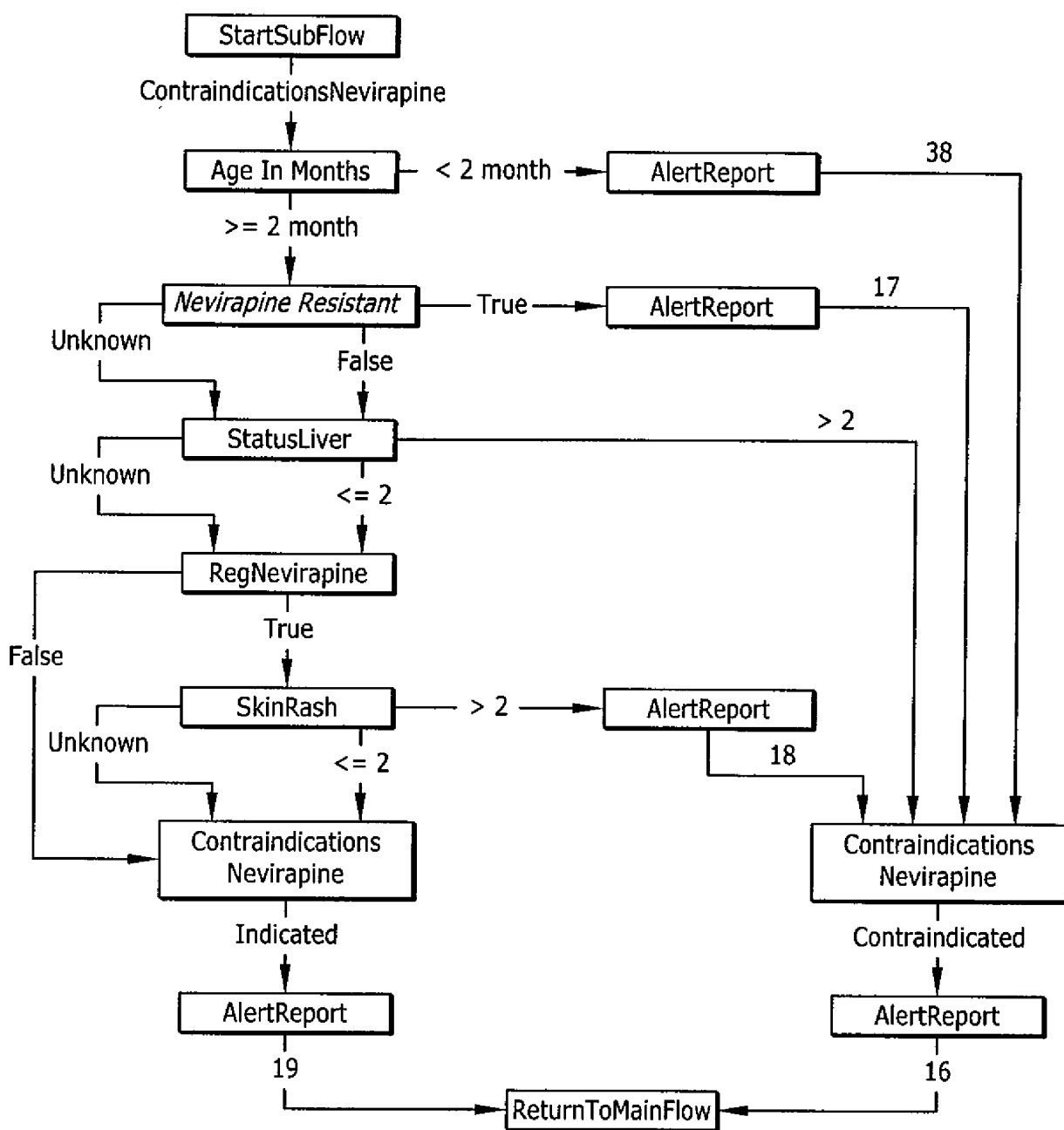
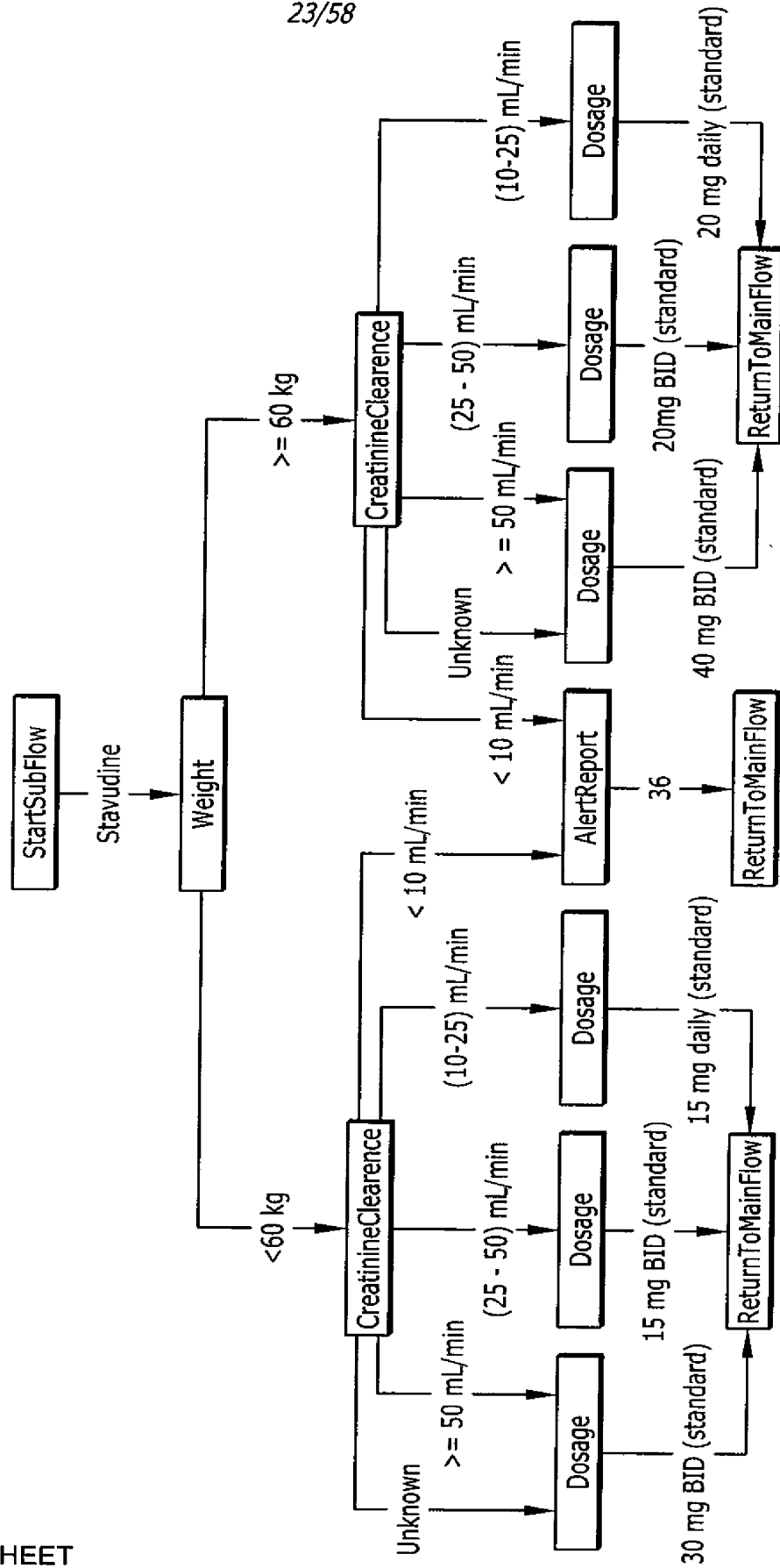


FIG. 16



FIG. 17



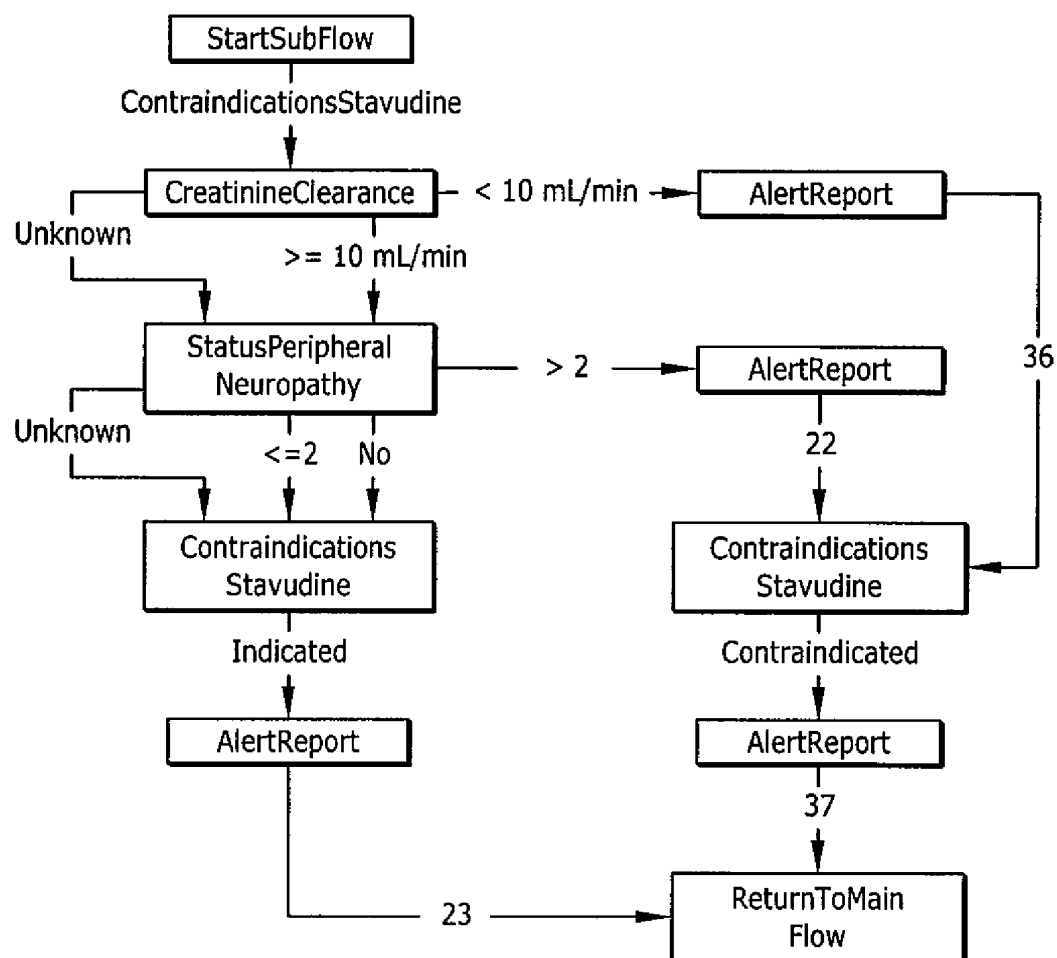
*FIG. 18*

FIG. 19.1

REPLACEMENT SHEET

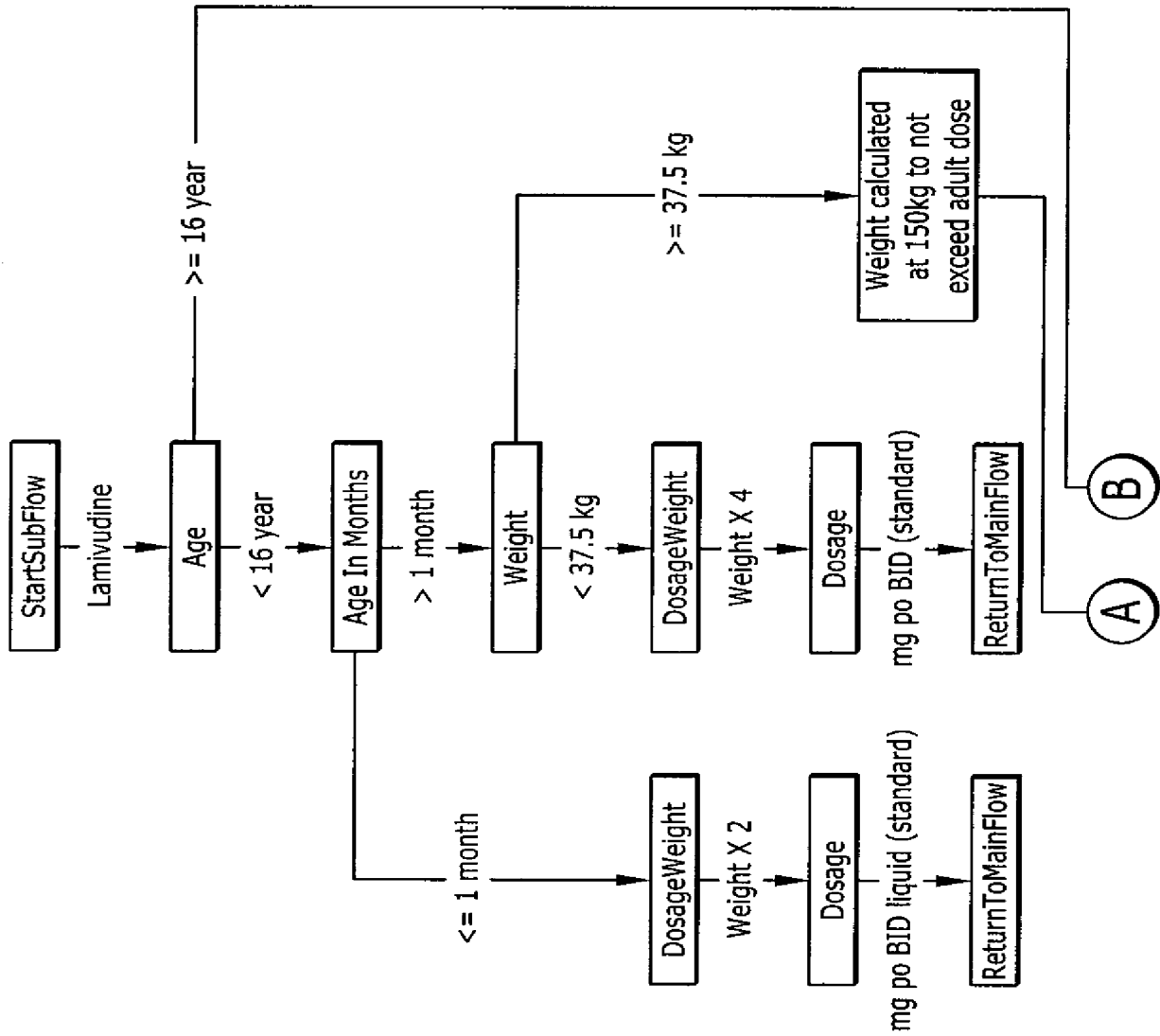


FIG. 19.2

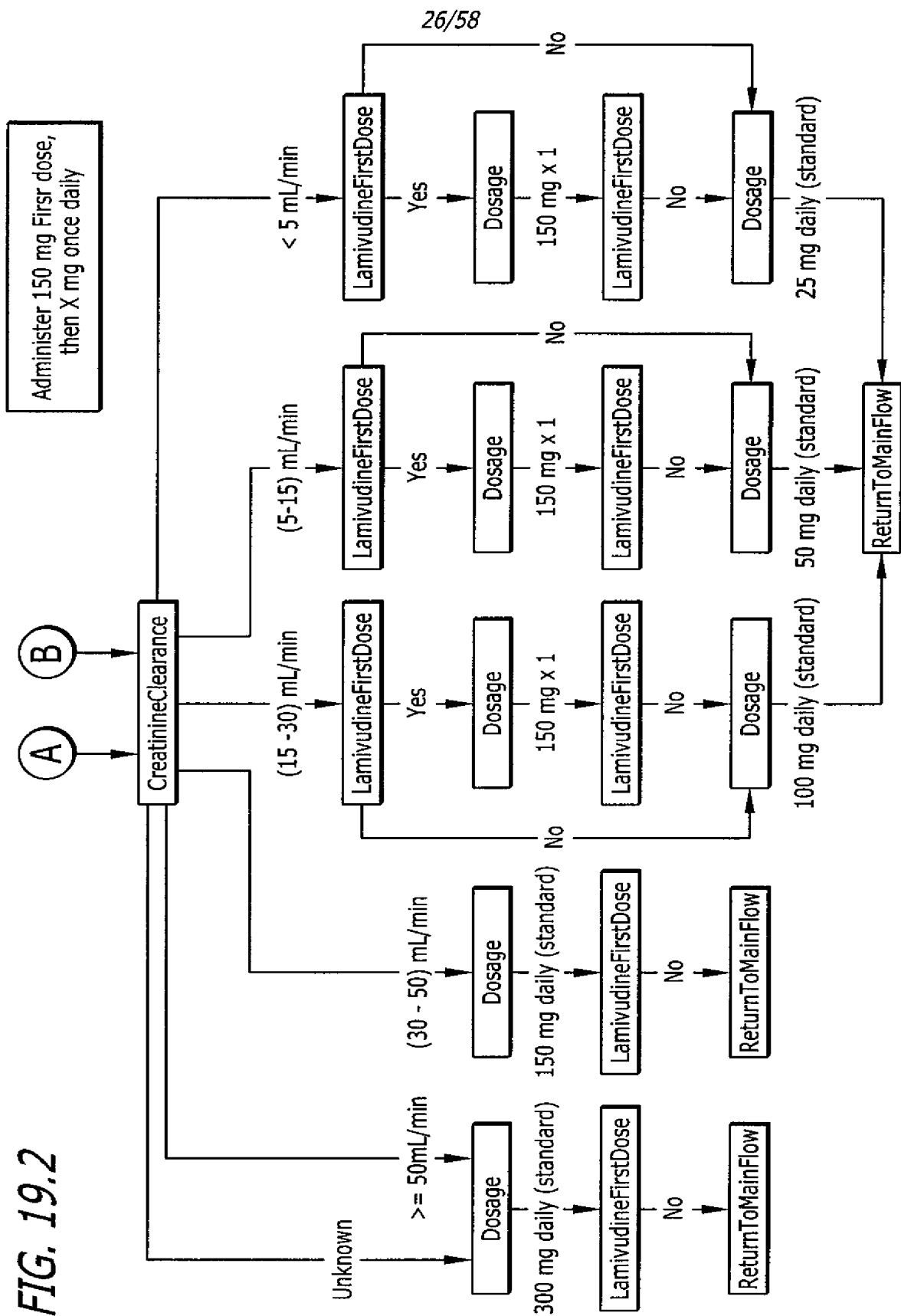
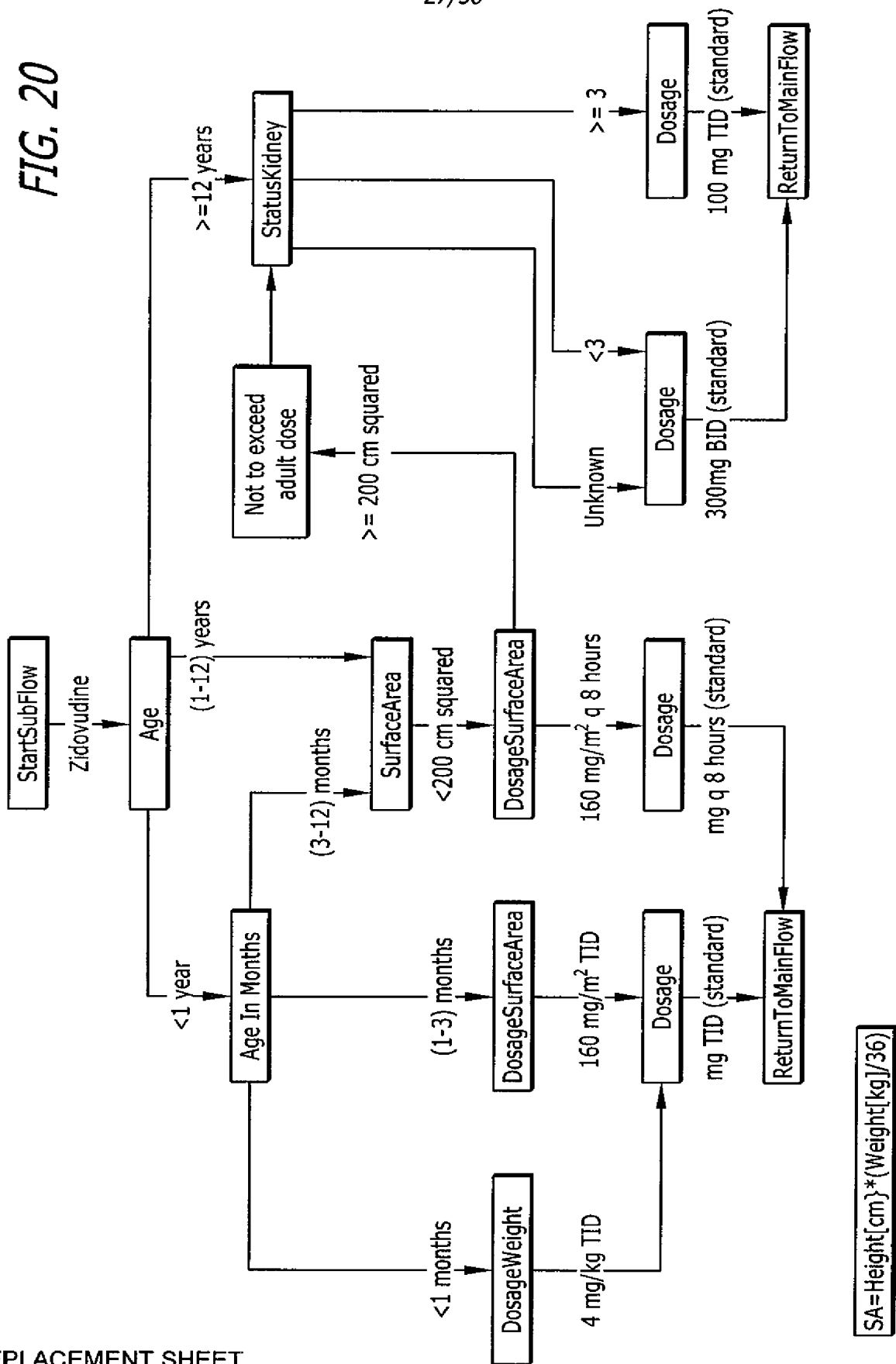


FIG. 20



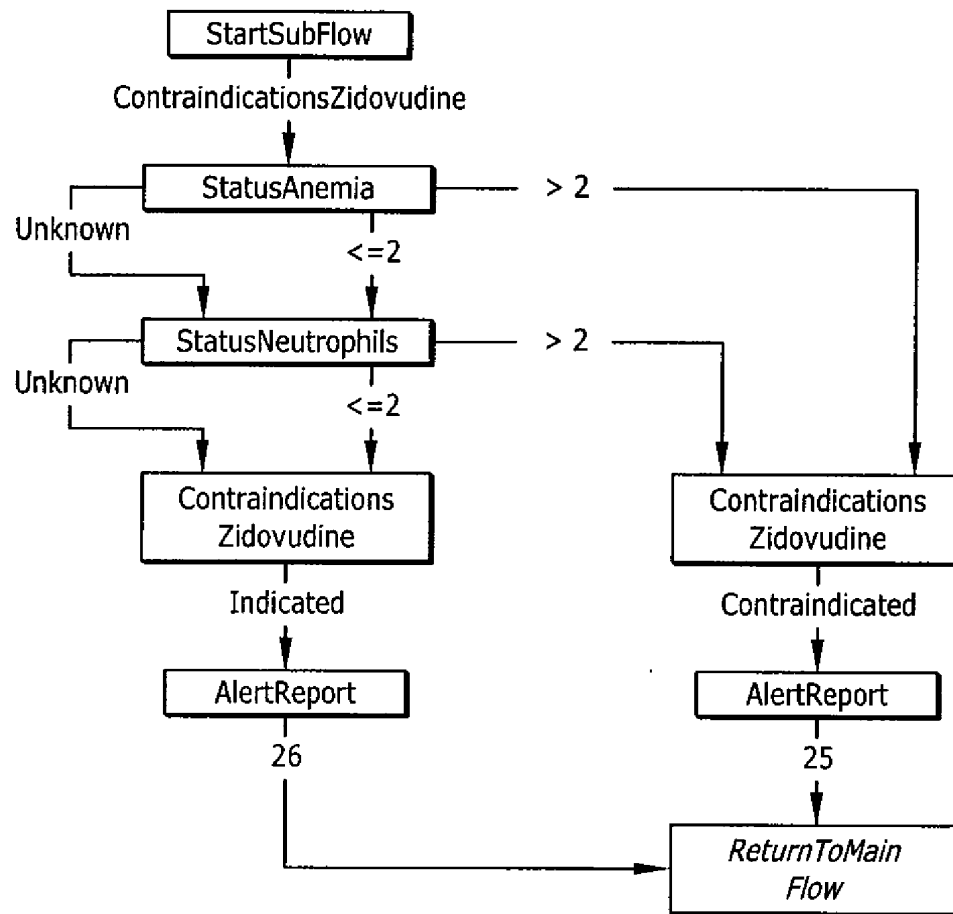
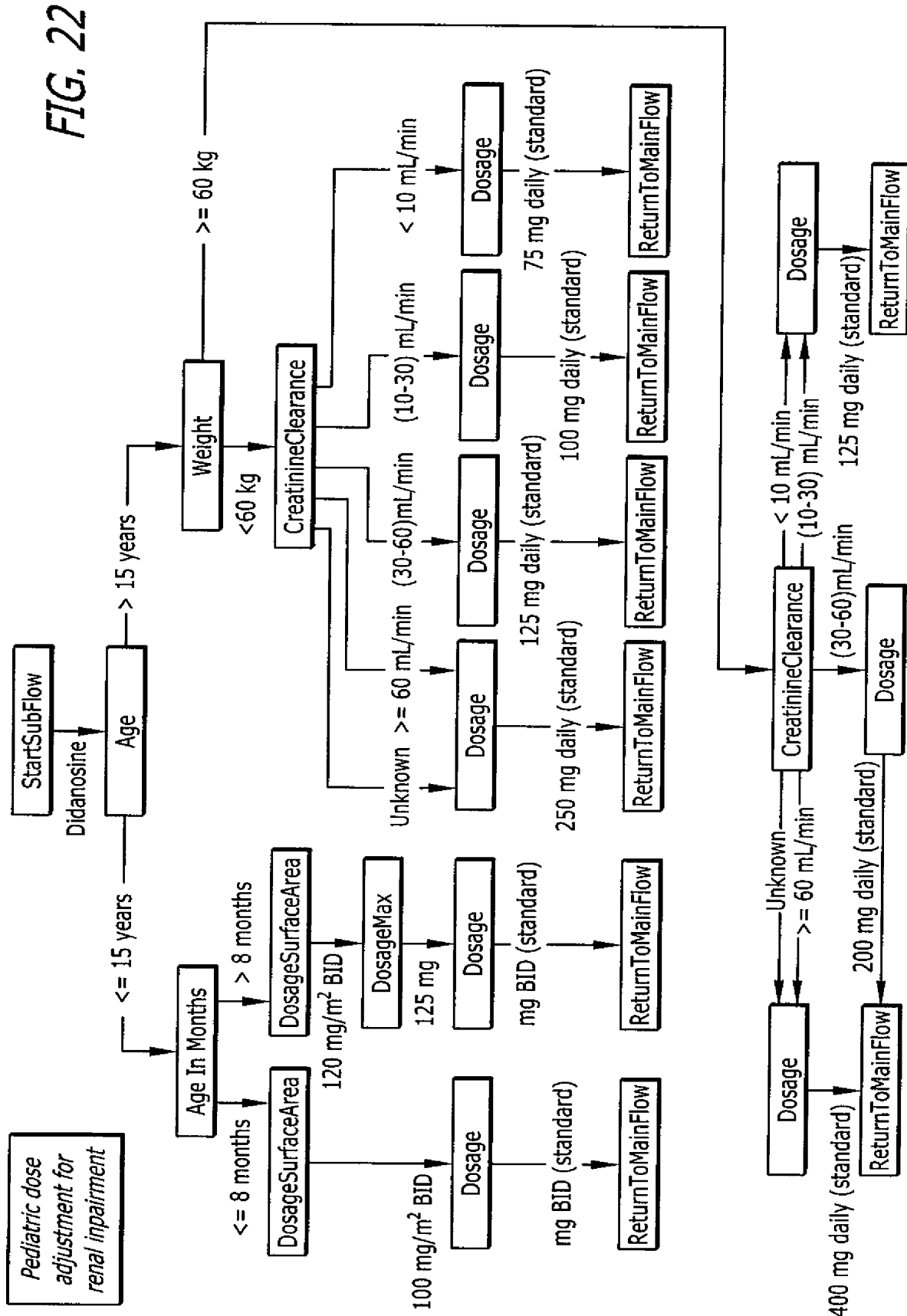


FIG. 21



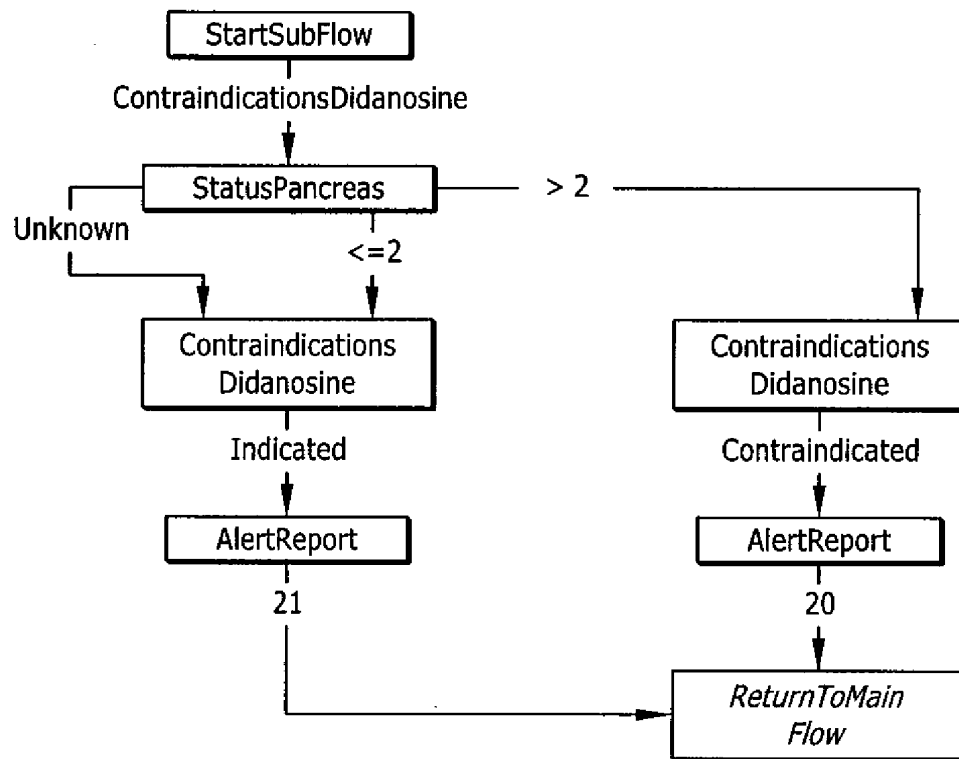
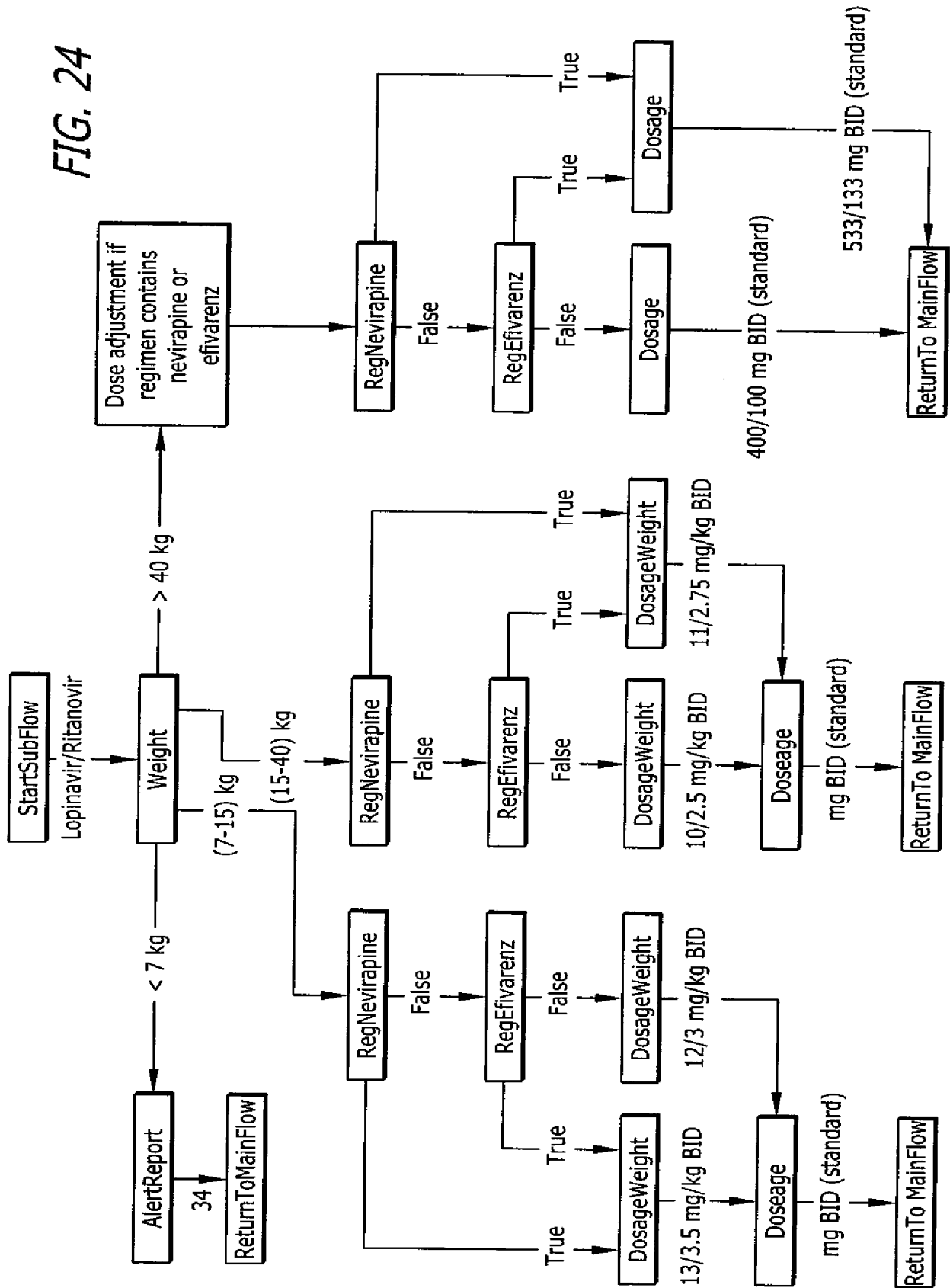
*FIG. 23*



FIG. 24



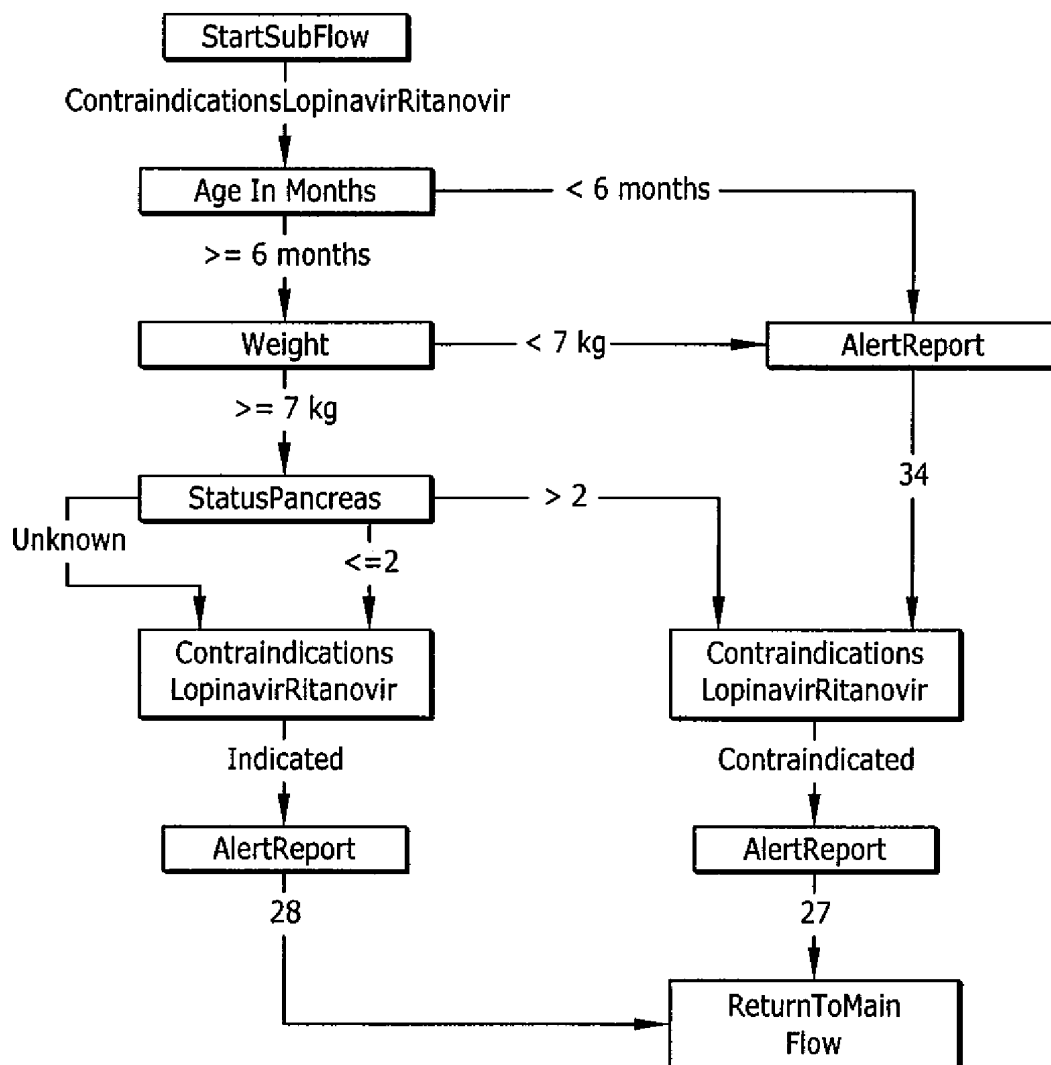


FIG. 25

FIG. 26

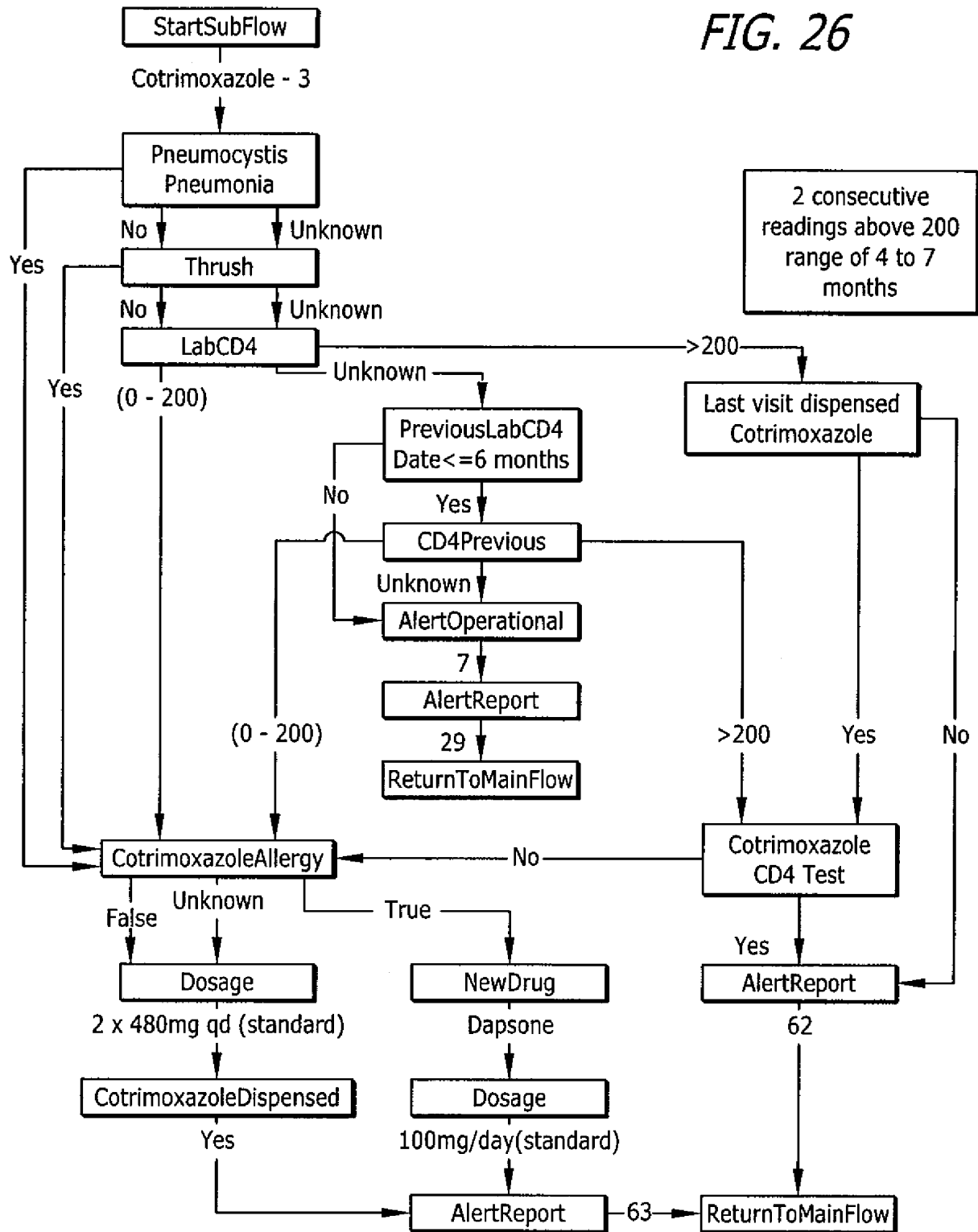
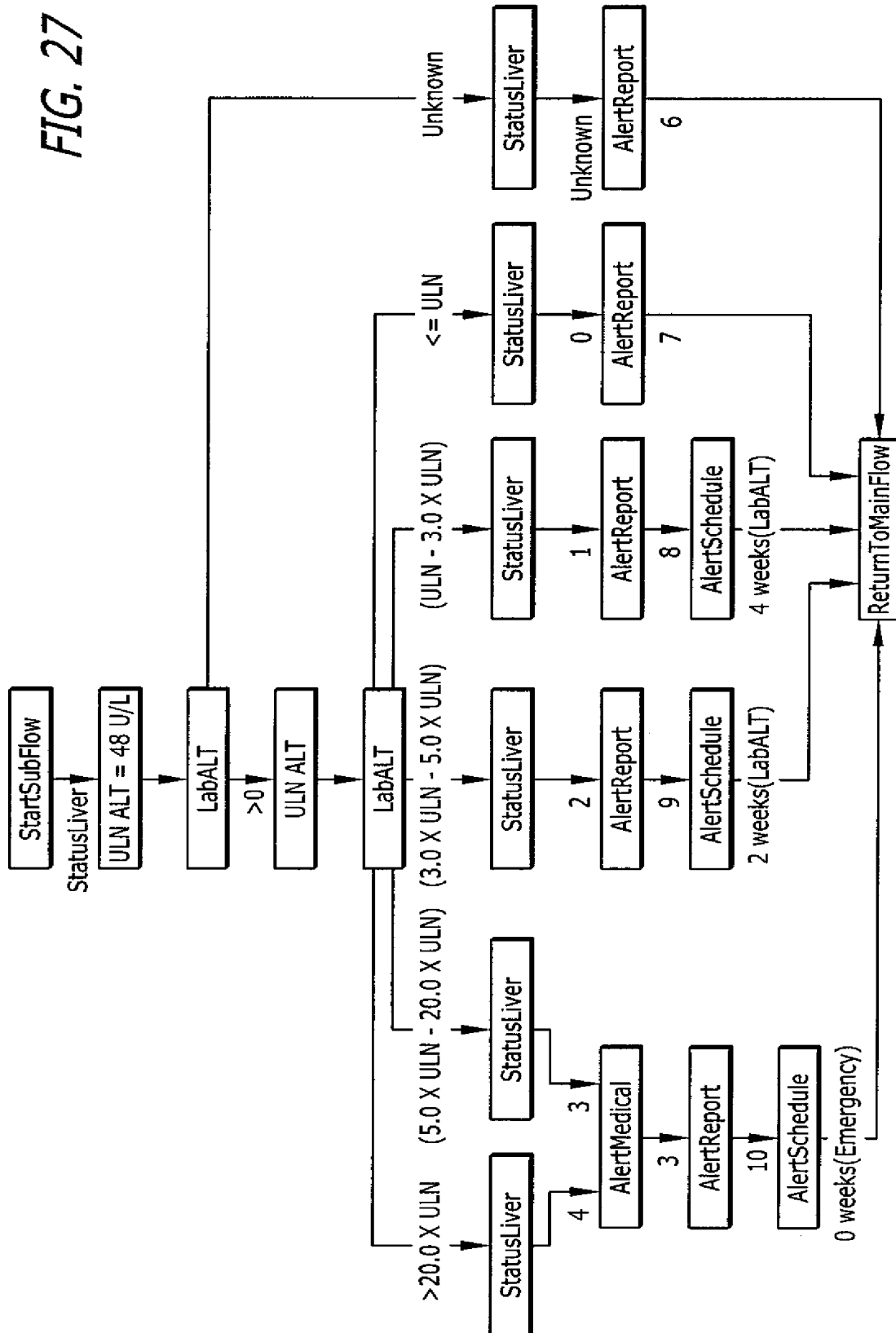


FIG. 27



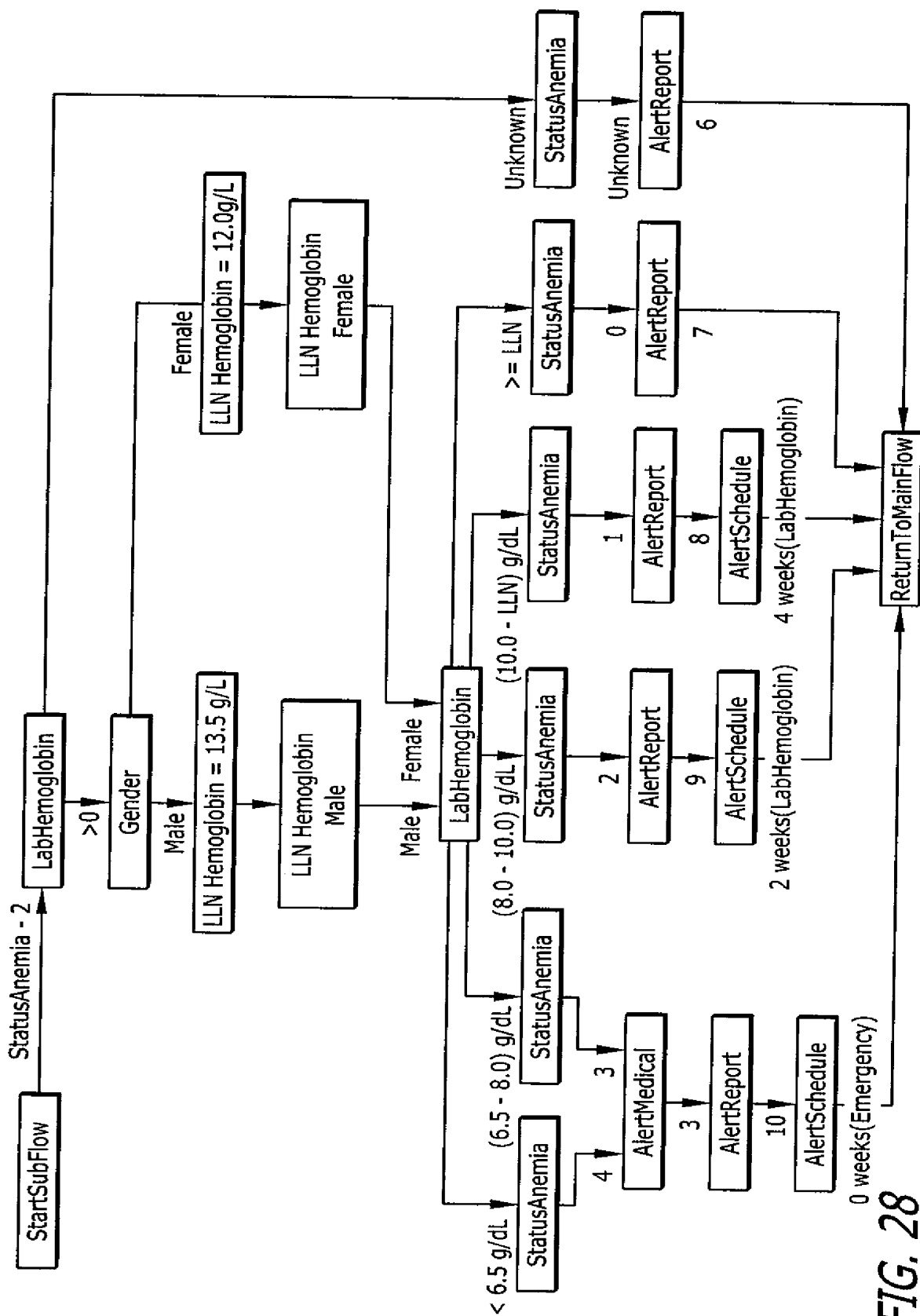


FIG. 28

FIG. 29

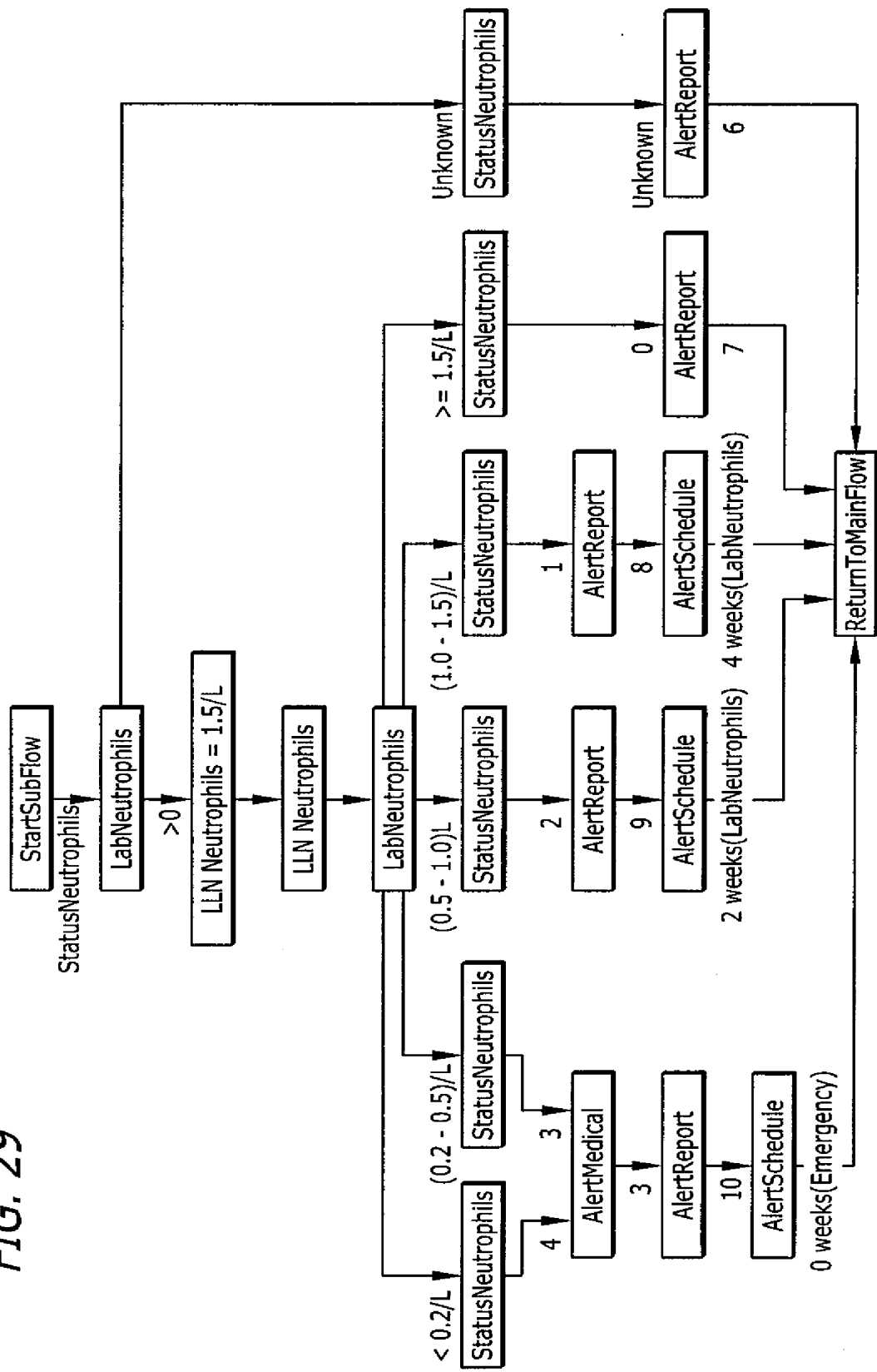


FIG. 30

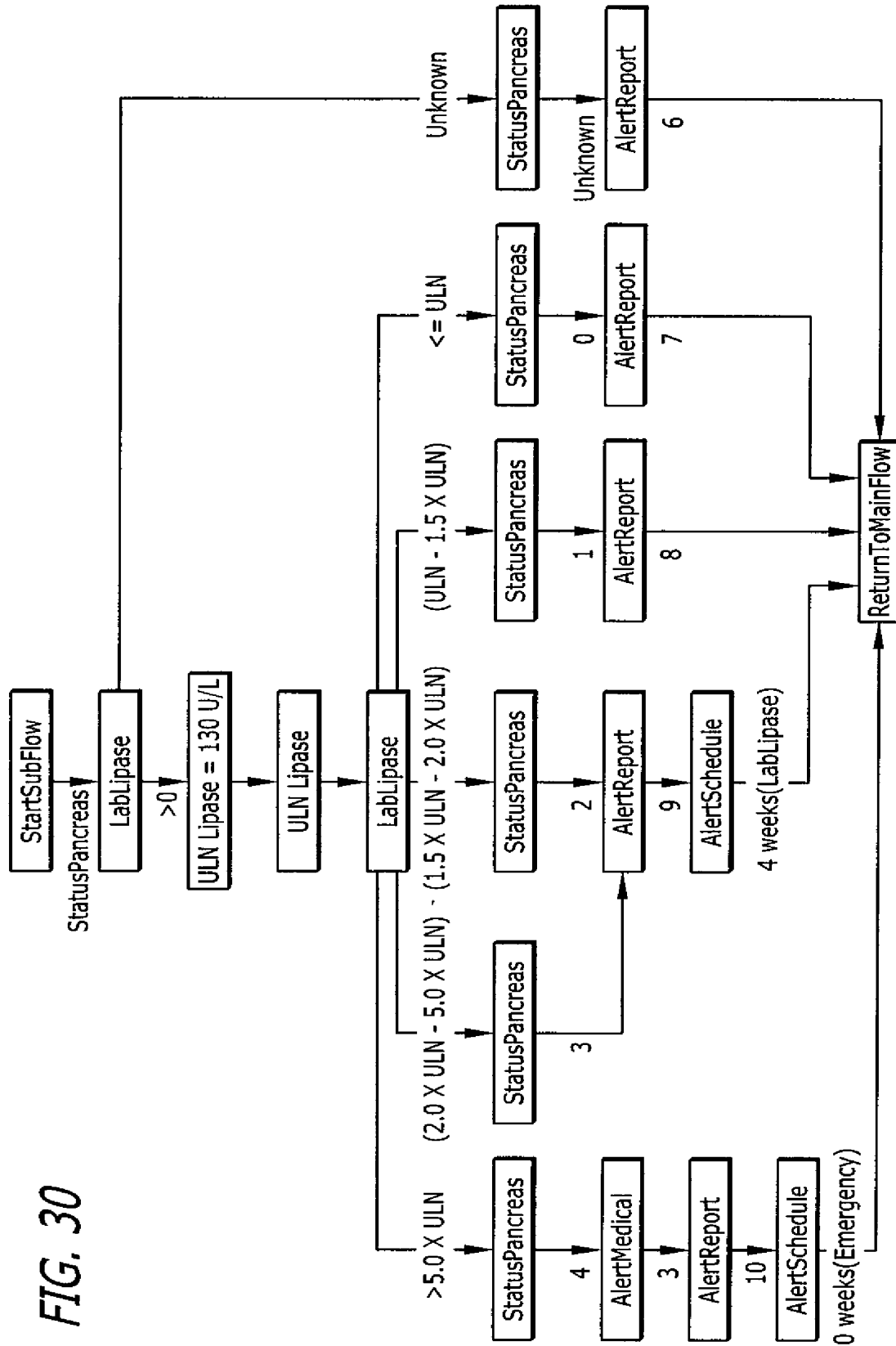


FIG. 31

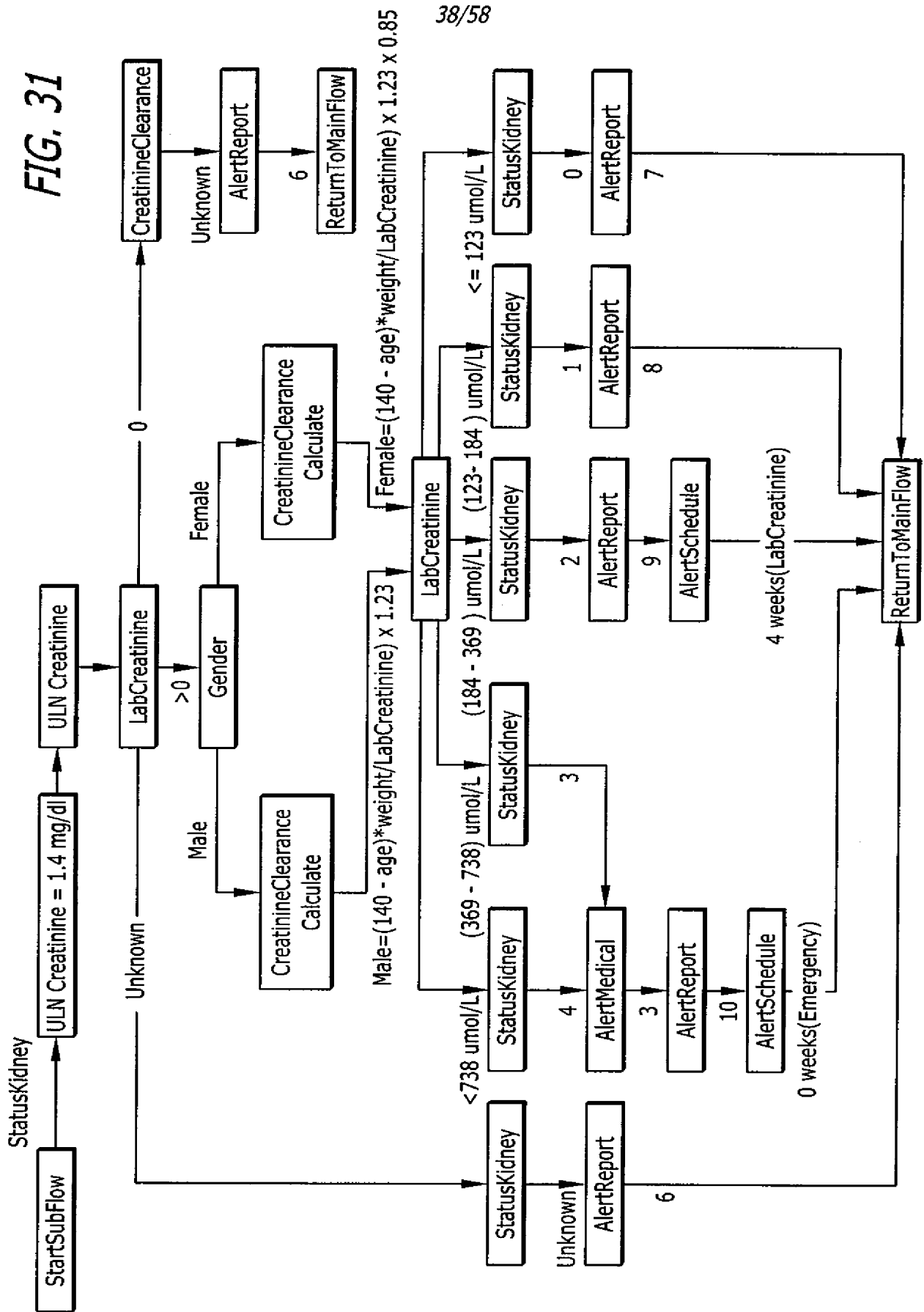
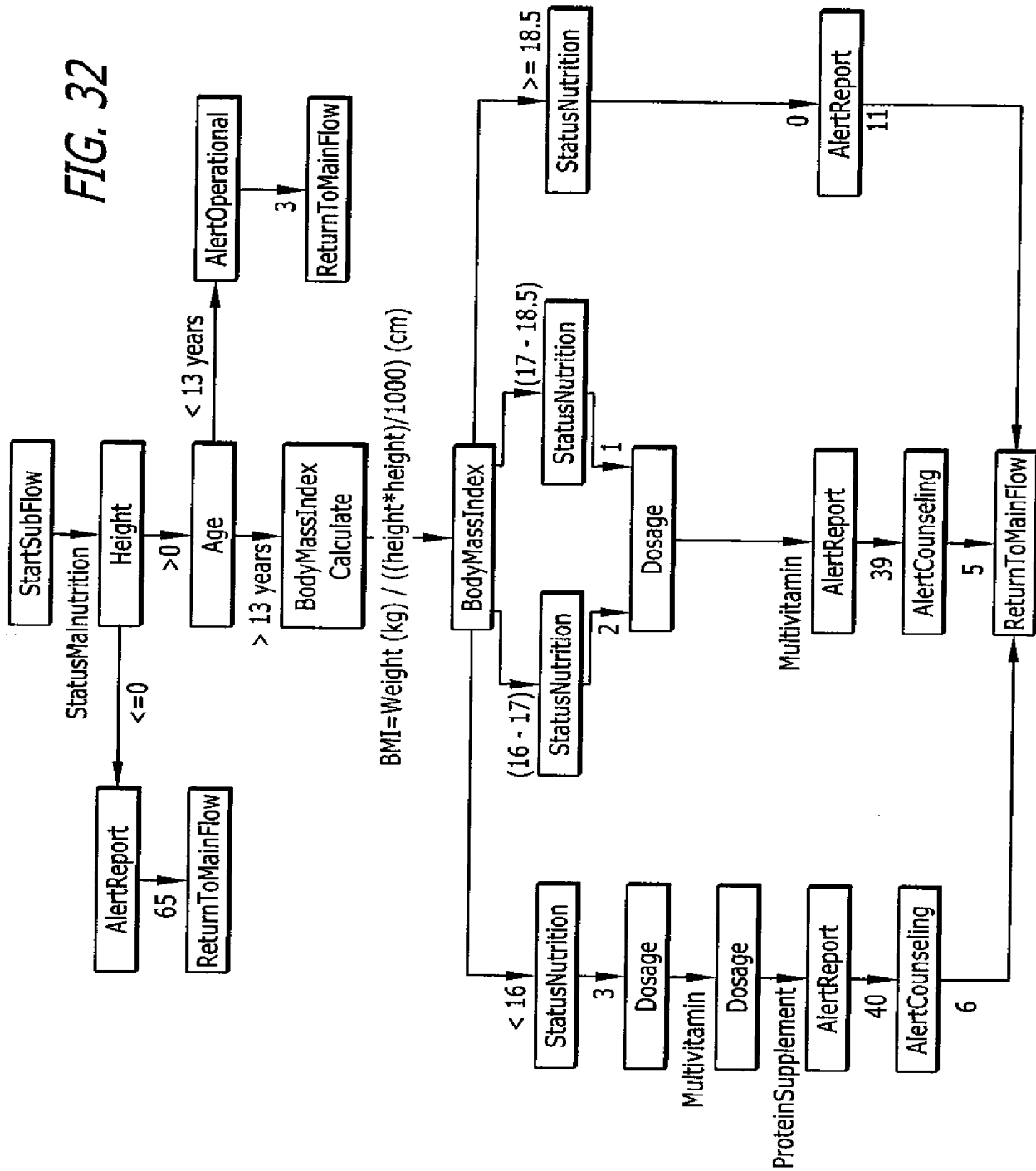




FIG. 32



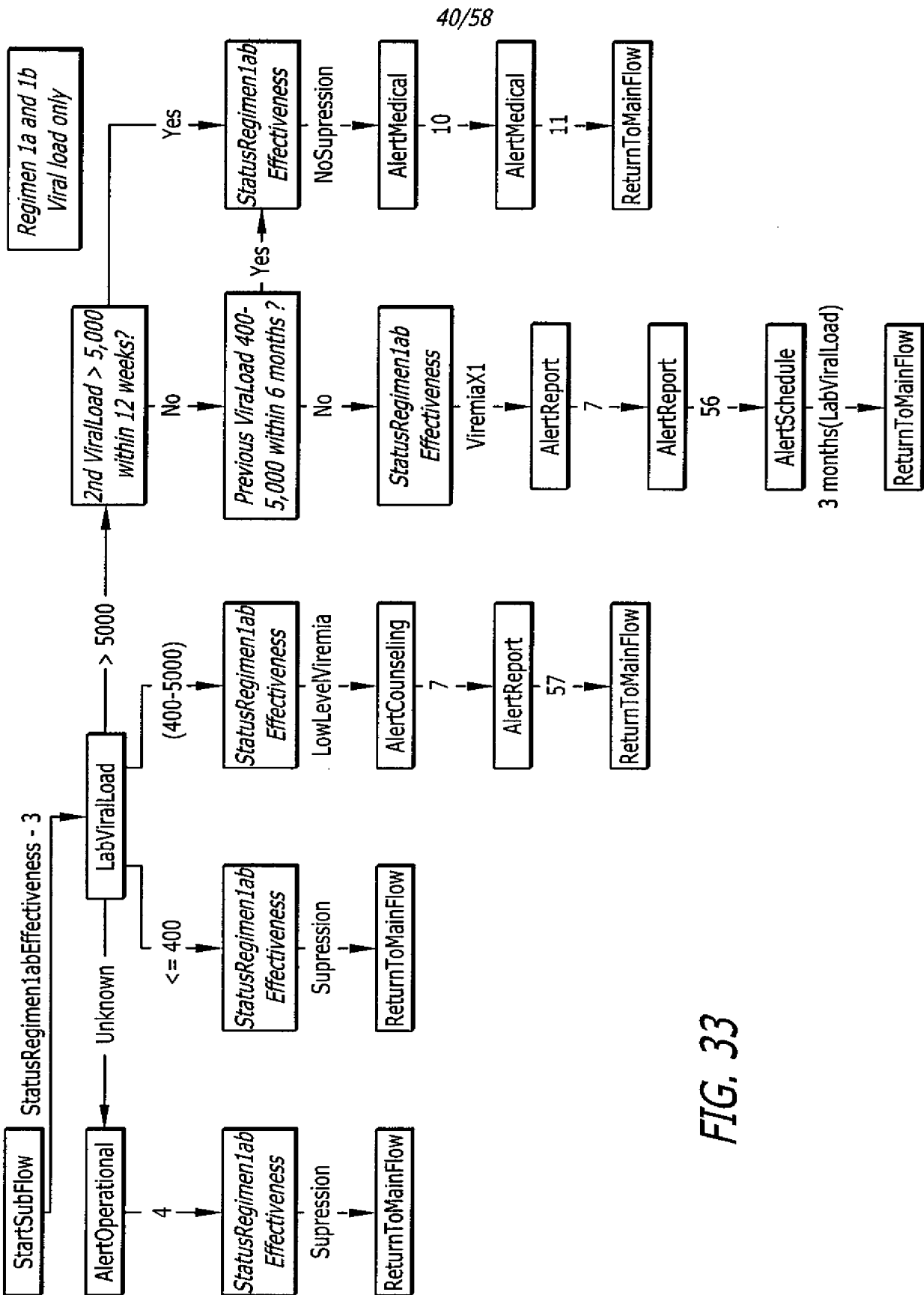


FIG. 33

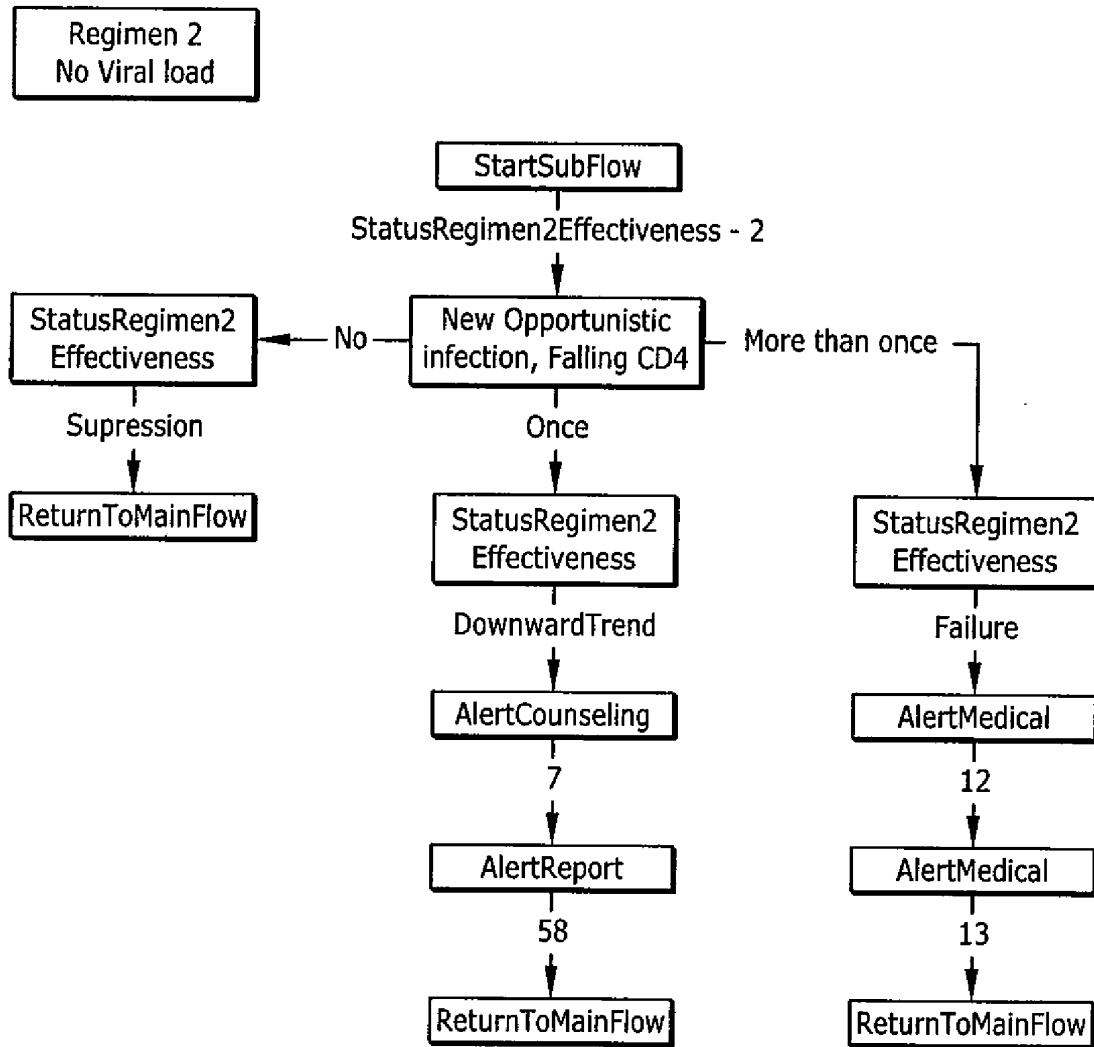
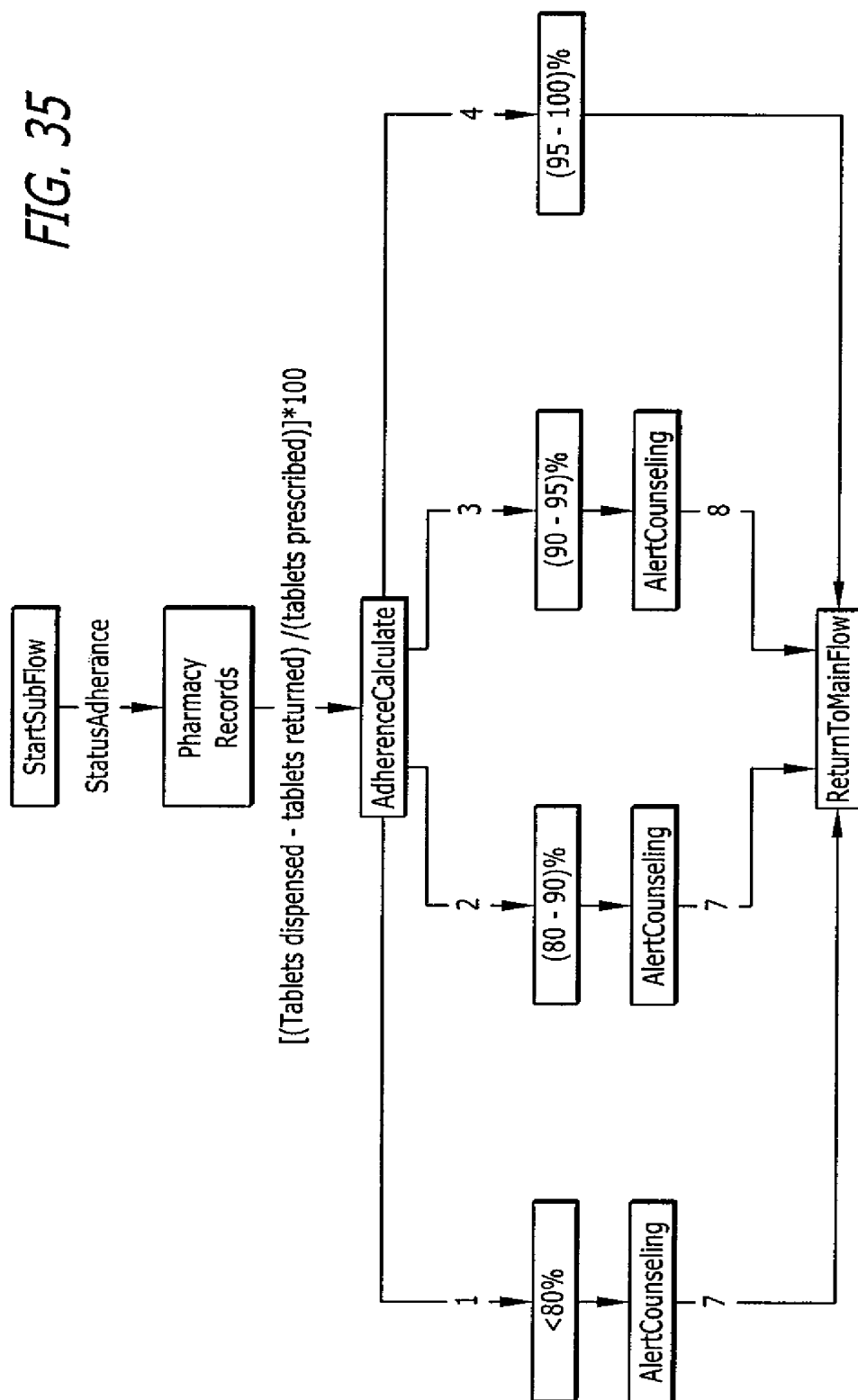


FIG. 34

FIG. 35



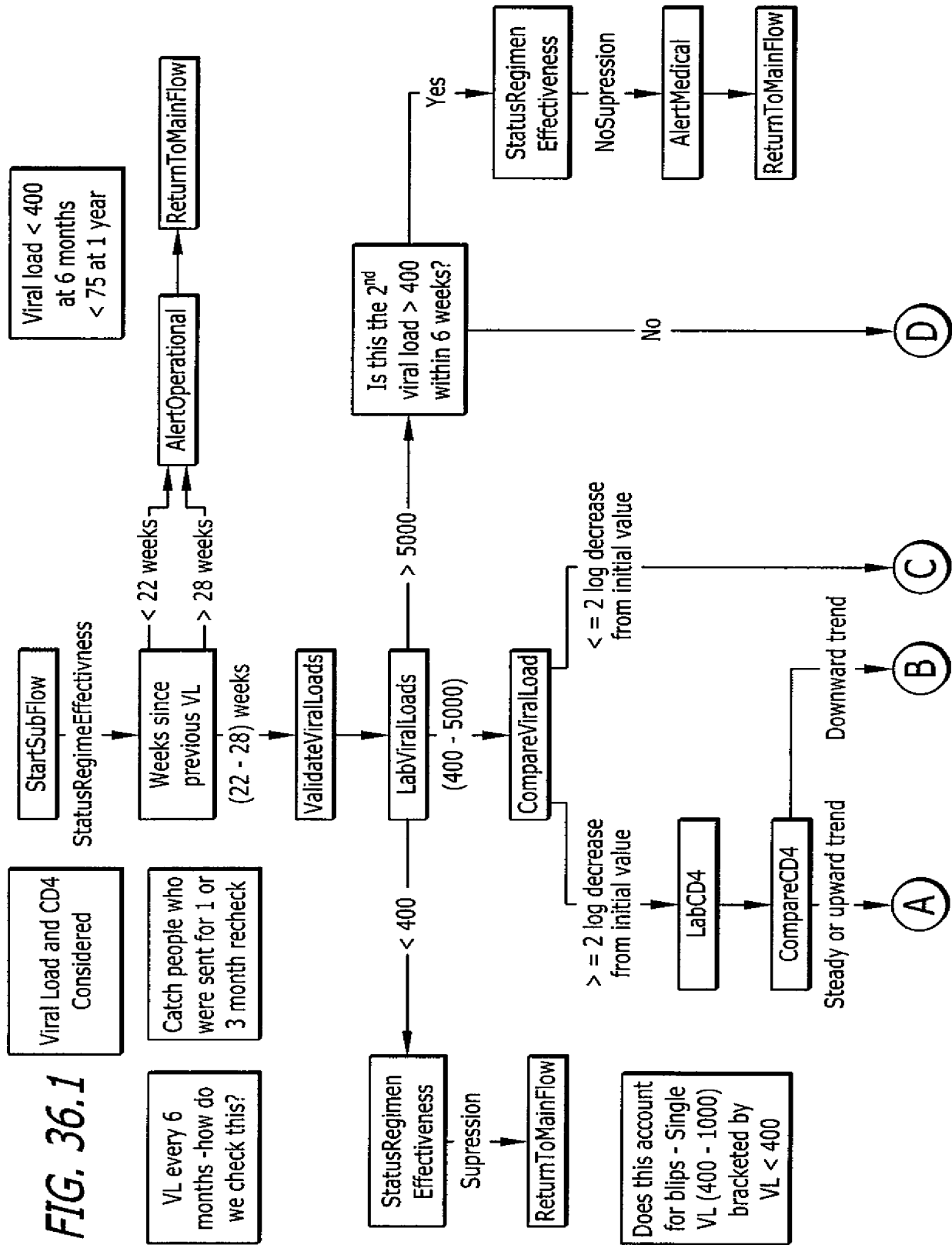
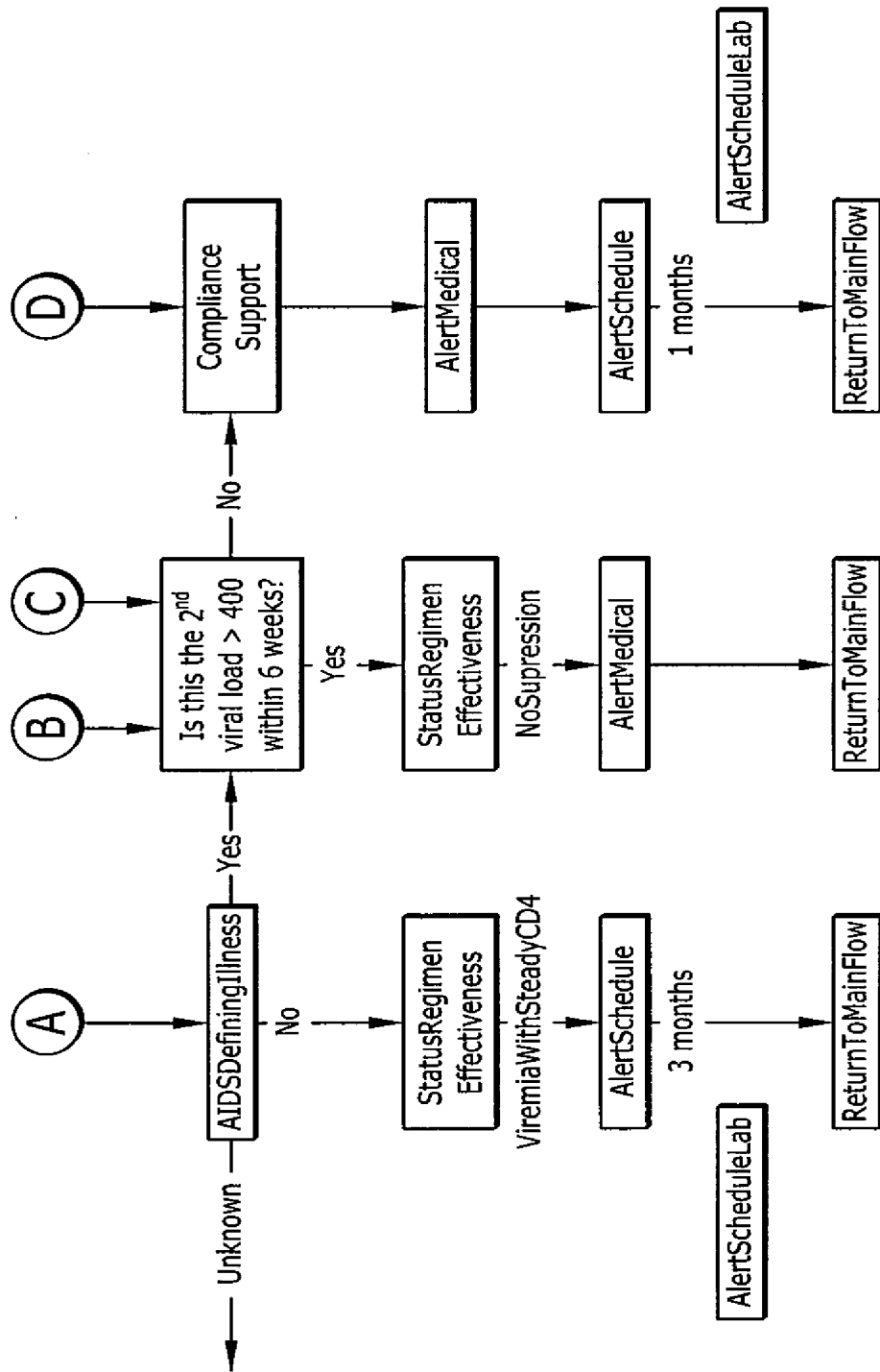


FIG. 36.2



☐ MasterPatientDataEntry

## Master Patient

MasterPatientID	<input type="text"/>	Address1	<input type="text"/>
Title	<input type="text"/>	Address2	<input type="text"/>
First Name	<input type="text"/>	Address3	<input type="text"/>
Middle Name	<input type="text"/>	City	<input type="text"/>
Last Name	<input type="text"/>	Province	<input type="text"/>
Male <input type="radio"/>		Country	<input type="text"/>
Female <input type="radio"/>		Zip	<input type="text"/>
Date Of Birth	<input type="text"/> yyyy/mm/dd	Cell Phone	<input type="text"/>
Place Of Birth	<input type="text"/>	Home Phone	<input type="text"/>
Date Of Death	<input type="text"/>	E-mail Address	<input type="text"/>
NationalID	<input type="text"/>	MasterPatientData	<input type="text"/>
Insurance <input type="checkbox"/>		MasterPatientData Type	<input type="text"/>

FIG. 37







FIG. 40

☐ DataEntry2

### Clinical Data Form

**Psychological**

Psychological problems, present or in the past  YES  NO  Unknown

Depression - overwhelming sadness, not related to any event  Depression

Thoughts or attempts of suicide  Suicide

Previous mental illness requiring treatment/hospitalization  Mental illness

**Regimen Failure**

Has patient failed regimen 1a  YES  NO  Unknown

Has patient failed regimen 1b  YES  NO  Unknown

**Nevirapine Resistant**

Nevirapine Resistant - proven  YES  NO  Unknown

**Nevirapine**

On Nevirapine within last month?  YES  NO

FIG. 41

☐ Clinical Data Form

### Clinical Data Form

**TB Status**

Treatment for active TB in the past 2 years?

Is your treatment for active TB complete?

Are you being treated for active TB now?

Are you taking isoniazid to prevent TB now?

**TB Symptoms**

Cough > 2 weeks

Fever > 2 weeks

Night Sweats

Weight loss > 1.5 kg in past 4 weeks

FIG. 42

HAART Prep Form

DataEntry5

Operations

Safer Sex Completed	<input type="text" value="NO"/>	<input type="text" value="YES"/>
Home Work Issues Completed	<input type="text" value="NO"/>	<input type="text" value="YES"/>
Legal Protection Completed	<input type="text" value="NO"/>	<input type="text" value="YES"/>
Nutrition Completed	<input type="text" value="NO"/>	<input type="text" value="YES"/>
Drug Literacy Completed	<input type="text" value="NO"/>	<input type="text" value="YES"/>
Home Assessment Completed	<input type="text" value="NO"/>	<input type="text" value="YES"/>

<< Enter Reset Cancel

Labs Form			
Patient	<input type="text" value="15"/>		
Previous Lab	<input type="text" value="11/24/2004"/>	LABS Complete	<input type="text" value="No"/>

	YYYY	MM	DD	Previously Ordered
Current CD4	<input type="text" value="2004"/>	<input type="text" value="12"/>	<input type="text" value="27"/>	<input type="text" value="Not Ordered"/>
Previous CD4	<input type="text" value="2004"/>	<input type="text" value="11"/>	<input type="text" value="24"/>	
Viral Load				
Liver - ALT				
Hemoglobin				
Neutrophils				
Lipase				
Creatinine				
TB Skin Test				
Sputum - TB	<input type="text" value="2004"/>	<input type="text" value="12"/>	<input type="text" value="27"/>	

Error - Correct Lab Error

FIG. 44

DataEntryLab		Patient		Previous Lab		LABS Complete		Override	
		15		11/24/2004					
Labs Form									
Current CD4	30	Cells/mL	Unknown	YYYY	MM	DD	Previously Ordered		
Previous CD4	45	Cells/mL	Unknown	2004	12	27	Not Ordered		
Viral Load		c/mm3	Unknown	2004	11	24			
Liver - ALT		U/L	Unknown						
Hemoglobin		g/L	Unknown	Not Done					
Neutrophils		/MM3	Unknown						
Lipase		U/L	Unknown						
Creatinine		umc/L	Unknown						
TB Skin Test	Positive	Negative	Unknown						
Sputum - TB	Positive	Negative	Unknown	2004	12	27			
Lab Entered									
Done									



FIG. 46

☐ Print preview

### Patient Flow Analysis

**Alerts High**  
Active TB - requires treatment  
Signs of active TB

**Alerts Med/Low**  
Status appropriate indicated

**Alerts Low**  
(Shaded) unknown  
Nutrition within normal limits

**Medication**  
Rifampin 2x 450mg qd (standard)

**Next Appointment**  
Regular Scheduled 2005/01/05  
Lab: ALT

**Healthy Living**

**Demographics**  
Patient ID: 15  
Date: 2004/12/27

**Physical**  
Gender: Male  
Age: 25  
Weight: 60 kg  
Height: 170 cm

**Regimen**  
10  
5 Weeks

**Lab Results**  
Current CD4: 30 cells/mL 2004-12-27  
Previous CD4: 45 cells/mL 2004-12-27  
Viral Load  
Liver - ALT  
Hemoglobin  
Neutrophils  
Ureae  
Creatinine  
TB Skin Test  
TB Sputum: Positive 2004-12-27

**Compliance**  
HIV Status: ☒ HIV Positive  
SMART Candidate: ☐  
Compliance: ☐  
Effective: ☐



FIG. 47

<input type="checkbox"/> Display Patient		Creation Date 2004/12/27 12:04:45 AM		Patient ID 15	
Date of Birth 1979/07/09		Height 170 cm		Weight 60 kg	
Are you currently on antiretroviral medicine for HIV/AIDS? YES NO		Do you want to be on medicine for AIDS? YES NO		Documented, number positive HIV tests? 0 1 2	
Gender Male Female		HAART Regimen HAART Regimen		Select Print Close	
AIDS-defining illness, at present or in past? Pneumocystis Pneumonia - current or previous? Thrush - persistent		YES NO YES NO YES NO		Unknown Unknown Unknown	
Allergic to Bactrim? Was Bactrim dispensed? Bactrim Pill Count - Is patient compliant? Has patient kept 3 appointments in a row? Pain and/or tingling in hands and/or feet?		YES NO YES NO YES NO YES NO YES NO		Unknown Unknown Unknown Unknown	
Psychological problems, present or in past?		YES NO		Unknown	
Has patient failed regimen 1a Has patient failed regimen 1b Nevirapine Resistant - proven On Nevirapine within last month?		YES YES YES YES YES YES YES YES		Unknown Unknown Unknown Unknown	
Treatment for active TB in last 2 years? Is your treatment for active TB complete? Are you being treated for active TB now?		YES YES YES YES YES YES		Unknown Unknown Unknown	
Are you taking Isoniazid to prevent TB now?		YES NO		Unknown	
Cough > 2 weeks Fever > 2 weeks Night sweats Weight loss > 1.5 kg in past 4 weeks		YES YES YES YES YES YES YES YES		Unknown Unknown Unknown Unknown	

FIG. 48

☐ AppointmentEvaluation

Appointment Status

Patient ID  
15

HAART Regimen Start: 2004/11/24  
Last Appointment: 2004/12/27  
Weeks since HAART initiated: 5  
Patient Appointment due in 3 weeks

Regimen: HAARTRegSAGovia  
Next Scheduled Appointment: 2005/01/19

Select

Print

Close

Procedure to be performed

☒ Drug Pickup  
☒ Education  
☒ Physical Exam - Doctor

Lab Tests

☒ ALT

FIG. 49

☐ Master Patient Data Entry

Category	Number	% of Total
Total Number of Potential HIV/AIDS Patients	35	
HAART 1a Regimen	24	69
HAART 1b Regimen	0	0
HAART 2 Regimen	0	0
PreHAART	11	31

Category	Number	Ave Time	HI Time	Lo Time
Total Number of Potential HIV/AIDS Patients	36	97	6369	690 milliseconds
Total Number of Potential HIV/AIDS Patients	1	3	52	4 seconds

Performance

Flows Executed

Data Entry of Clinical Data Form

Data Entry of Lab Forms

Category	Number	Ave Time	HI Time	Lo Time
Flows Executed	34	1908	6369	690 milliseconds
Data Entry of Clinical Data Form	120	9	52	4 seconds
Data Entry of Lab Forms	34	20	58	11 seconds

Clinical Data Form

Females Pregnant

AIDS Defining Illness

Allergic to Bactrim

Peripheral Neuropathy

Psychological

Regimen Failure

Nevirapine Resistant

Nevirapine

Category	True	False	Unknown
Females Pregnant	0	1	0
AIDS Defining Illness	0	35	0
Allergic to Bactrim	0	35	0
Peripheral Neuropathy	0	35	0
Psychological	0	35	0
Regimen Failure			
Nevirapine Resistant			
Nevirapine			

FIG. 50

☐ Display Log

PatientID: 1	12/25/2004 6:38:25 PM	Gauteng - 9
StartMainFlow	15	
DetermineAgeCategory	14	
StartSubFlow	15	DetermineAgeCategory
Age	7	25 ; >= 14years
ReturnToMainFlow	11	; Adult
AgeCategory	2	
ClinicalDataFormComplete	7	Adult ; Adult
LabsComplete	7	Yes ; Yes
AIDSDefiningIllness	5	Yes ; Yes
Gender	7	No ; No
ConfirmHIVStatus	14	Male ; Male
StartSubFlow	15	
StatusGeneral	7	ConfirmHIVStatus - 3
HIVStatusConfirmed	7	NoHAART ; NoHAART
AlertReport	6	2 ; 2
HIVStatusConfirmed	7	1 ; 1
ReturnToMainFlow	2	2 ; >1
HIVStatusConfirmed	7	2 ; 2
Bactrim	14	
StartSubFlow	15	Bactrim - 2
PneumocystisPneumonia	5	No ; No
Through	5	Unknown ; Unknown
LabCD4	7	250 ; >200
CD4Previous	7	250 ; >0
Bactrim CD4 Test	7	Yes ; Yes
CD4Previous	7	250 ; >200
AlertReport	6	62 ; 62
ReturnToMainFlow	2	
StatusMalnutrition	14	
StartSubFlow	15	StatusMalnutrition
Age	7	25 ; >13years
BodyMassIndexCalculate	6	20.7612456747405 ; BMI=Weight [kg] / ((height*height) 1000)[cm]
BodyMassIndex	7	20.7612456747405 ; >=18.5
StatusHemoglobin	11	0 ; 0
AlertReport	6	11 ; 11
ReturnToMainFlow	2	
StatusLiver	15	
StartSubFlow	14	StatusLiver
ULN ALT = 48 U/L	15	No Value
LabALT	7	Unknown ; Unknown
StatusLiver	11	6 ; 6
AlertReport	6	
ReturnToMainFlow	2	
StatusActiveTB	14	StatusActiveTB
StartSubFlow	15	Unknown ; Unknown
TBActiveTreatmentComplete	5	No ; No
TBActiveTreatmentCurrent	5	No ; No
Cough > 2 weeks	5	Yes ; Yes
Fever > 2 weeks	6	5 ; 5
AlertMedical	7	Unknown ; Unknown
LabTBSputum	7	Ordered ; Ordered
StatusActiveTB	6	5 ; 5
AlertOperational	2	
ReturnToMainFlow		